

Multilayer Ceramic Capacitors for Automotive Powertrain and Safety

Multilayer Ceramic Capacitors - High Dielectric Type

Simple Product Catalog

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications	Qualification
MAASL105SB7104KFNA01	1.0x0.5	0.55	10	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7104MFNA01	1.0x0.5	0.55	10	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7473KFNA01	1.0x0.5	0.55	10	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7473MFNA01	1.0x0.5	0.55	10	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7223KFNA01	1.0x0.5	0.55	10	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7223MFNA01	1.0x0.5	0.55	10	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7103KFNA01	1.0x0.5	0.55	10	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7103MFNA01	1.0x0.5	0.55	10	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7472KFNA01	1.0x0.5	0.55	10	X7R	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7472MFNA01	1.0x0.5	0.55	10	X7R	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7222KFNA01	1.0x0.5	0.55	10	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7222MFNA01	1.0x0.5	0.55	10	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7102KFNA01	1.0x0.5	0.55	10	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7102MFNA01	1.0x0.5	0.55	10	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7104KFNA01	1.0x0.5	0.55	16	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7104MFNA01	1.0x0.5	0.55	16	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7473KFNA01	1.0x0.5	0.55	16	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7473MFNA01	1.0x0.5	0.55	16	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7223KFNA01	1.0x0.5	0.55	16	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7223MFNA01	1.0x0.5	0.55	16	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7103KFNA01	1.0x0.5	0.55	16	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7103MFNA01	1.0x0.5	0.55	16	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7472KFNA01	1.0x0.5	0.55	16	X7R	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7472MFNA01	1.0x0.5	0.55	16	X7R	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7222KFNA01	1.0x0.5	0.55	16	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7222MFNA01	1.0x0.5	0.55	16	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7102KFNA01	1.0x0.5	0.55	16	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7102MFNA01	1.0x0.5	0.55	16	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7473KFNA01	1.0x0.5	0.55	25	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7473MFNA01	1.0x0.5	0.55	25	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7223KFNA01	1.0x0.5	0.55	25	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7223MFNA01	1.0x0.5	0.55	25	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7103KFNA01	1.0x0.5	0.55	25	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7103MFNA01	1.0x0.5	0.55	25	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7472KFNA01	1.0x0.5	0.55	25	X7R	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7472MFNA01	1.0x0.5	0.55	25	X7R	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7222KFNA01	1.0x0.5	0.55	25	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7222MFNA01	1.0x0.5	0.55	25	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7102KFNA01	1.0x0.5	0.55	25	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7102MFNA01	1.0x0.5	0.55	25	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7103KFNA01	1.0x0.5	0.55	50	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7103MFNA01	1.0x0.5	0.55	50	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7472KFNA01	1.0x0.5	0.55	50	X7R	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7472MFNA01	1.0x0.5	0.55	50	X7R	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7222KFNA01	1.0x0.5	0.55	50	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7222MFNA01	1.0x0.5	0.55	50	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7102KFNA01	1.0x0.5	0.55	50	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7102MFNA01	1.0x0.5	0.55	50	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7105KTNA01	1.6x0.8	0.9	10	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7105MTNA01	1.6x0.8	0.9	10	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7474KTNA01	1.6x0.8	0.9	10	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7474MTNA01	1.6x0.8	0.9	10	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7224KTNA01	1.6x0.8	0.9	10	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7224MTNA01	1.6x0.8	0.9	10	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7104KTNA01	1.6x0.8	0.9	10	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7104MTNA01	1.6x0.8	0.9	10	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7473KTNA01	1.6x0.8	0.9	10	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7473MTNA01	1.6x0.8	0.9	10	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7223KTNA01	1.6x0.8	0.9	10	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7223MTNA01	1.6x0.8	0.9	10	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7105KTNA01	1.6x0.8	0.9	16	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7105MTNA01	1.6x0.8	0.9	16	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7474KTNA01	1.6x0.8	0.9	16	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7474MTNA01	1.6x0.8	0.9	16	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7224KTNA01	1.6x0.8	0.9	16	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7224MTNA01	1.6x0.8	0.9	16	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

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Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications	Qualification
MAASE168SB7104KTNA01	1.6x0.8	0.9	16	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7104MTNA01	1.6x0.8	0.9	16	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7473KTNA01	1.6x0.8	0.9	16	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7473MTNA01	1.6x0.8	0.9	16	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7223KTNA01	1.6x0.8	0.9	16	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7223MTNA01	1.6x0.8	0.9	16	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7474KTNA01	1.6x0.8	0.9	25	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7474MTNA01	1.6x0.8	0.9	25	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7224KTNA01	1.6x0.8	0.9	25	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7224MTNA01	1.6x0.8	0.9	25	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7104KTNA01	1.6x0.8	0.9	25	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7104MTNA01	1.6x0.8	0.9	25	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7473KTNA01	1.6x0.8	0.9	25	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7473MTNA01	1.6x0.8	0.9	25	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7223KTNA01	1.6x0.8	0.9	25	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7223MTNA01	1.6x0.8	0.9	25	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7104KTNA01	1.6x0.8	0.9	50	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7104MTNA01	1.6x0.8	0.9	50	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7473KTNA01	1.6x0.8	0.9	50	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7473MTNA01	1.6x0.8	0.9	50	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7223KTNA01	1.6x0.8	0.9	50	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7223MTNA01	1.6x0.8	0.9	50	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSL8474KTNA01	2.0x1.25	1.35	10	X8L	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSL8474MTNA01	2.0x1.25	1.35	10	X8L	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSL8224KTNA01	2.0x1.25	1.35	25	X8L	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSL8224MTNA01	2.0x1.25	1.35	25	X8L	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSL8104KTNA01	2.0x1.25	1.35	25	X8L	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSL8104MTNA01	2.0x1.25	1.35	25	X8L	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSL8473KTNA01	2.0x1.25	1.35	25	X8L	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSL8473MTNA01	2.0x1.25	1.35	25	X8L	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSL8224KTNA01	2.0x1.25	1.35	50	X8L	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSL8224MTNA01	2.0x1.25	1.35	50	X8L	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSL8223KTNA01	2.0x1.25	1.35	50	X8L	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSL8223MTNA01	2.0x1.25	1.35	50	X8L	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSL8103KTNA01	2.0x1.25	1.35	50	X8L	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSL8103MTNA01	2.0x1.25	1.35	50	X8L	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ21GAB7106KTNA01	2.0x1.25	1.4	6.3	X7R	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ21GAB7106MTNA01	2.0x1.25	1.4	6.3	X7R	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7475KTNA01	2.0x1.25	1.35	10	X7R	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7475MTNA01	2.0x1.25	1.35	10	X7R	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7225KTNA01	2.0x1.25	1.35	10	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7225MTNA01	2.0x1.25	1.35	10	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7105KTNA01	2.0x1.25	1.35	10	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7105MTNA01	2.0x1.25	1.35	10	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7474KTNA01	2.0x1.25	1.35	10	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7474MTNA01	2.0x1.25	1.35	10	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7224KTNA01	2.0x1.25	1.35	10	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7224MTNA01	2.0x1.25	1.35	10	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7104KTNA01	2.0x1.25	1.35	10	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7104MTNA01	2.0x1.25	1.35	10	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7473KTNA01	2.0x1.25	1.35	10	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7473MTNA01	2.0x1.25	1.35	10	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GAB7475KTNA01	2.0x1.25	1.4	16	X7R	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GAB7475MTNA01	2.0x1.25	1.4	16	X7R	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GSB7225KTNA01	2.0x1.25	1.35	16	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GSB7225MTNA01	2.0x1.25	1.35	16	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GSB7105KTNA01	2.0x1.25	1.35	16	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GSB7105MTNA01	2.0x1.25	1.35	16	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GSB7474KTNA01	2.0x1.25	1.35	16	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GSB7474MTNA01	2.0x1.25	1.35	16	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GSB7224KTNA01	2.0x1.25	1.35	16	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GSB7224MTNA01	2.0x1.25	1.35	16	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GSB7104KTNA01	2.0x1.25	1.35	16	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GSB7104MTNA01	2.0x1.25	1.35	16	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GSB7473KTNA01	2.0x1.25	1.35	16	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GSB7473MTNA01	2.0x1.25	1.35	16	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7225KTNA01	2.0x1.25	1.35	25	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7225MTNA01	2.0x1.25	1.35	25	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7105KTNA01	2.0x1.25	1.35	25	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7105MTNA01	2.0x1.25	1.35	25	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications	Qualification
MAAST21GSB7474KTNA01	2.0x1.25	1.35	25	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7474MTNA01	2.0x1.25	1.35	25	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7224KTNA01	2.0x1.25	1.35	25	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7224MTNA01	2.0x1.25	1.35	25	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7104KTNA01	2.0x1.25	1.35	25	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7104MTNA01	2.0x1.25	1.35	25	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7473KTNA01	2.0x1.25	1.35	25	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7473MTNA01	2.0x1.25	1.35	25	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7223KTNA01	2.0x1.25	1.35	25	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7223MTNA01	2.0x1.25	1.35	25	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7103KTNA01	2.0x1.25	1.35	25	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7103MTNA01	2.0x1.25	1.35	25	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASG21GBB7225KTNA01	2.0x1.25	1.45	35	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASG21GBB7225MTNA01	2.0x1.25	1.45	35	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GBB7225KTNA01	2.0x1.25	1.45	50	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GBB7225MTNA01	2.0x1.25	1.45	50	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7105KTNA01	2.0x1.25	1.35	50	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7105MTNA01	2.0x1.25	1.35	50	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7224KTNA01	2.0x1.25	1.35	50	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7224MTNA01	2.0x1.25	1.35	50	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7104KTNA01	2.0x1.25	1.35	50	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7104MTNA01	2.0x1.25	1.35	50	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7473KTNA01	2.0x1.25	1.35	50	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7473MTNA01	2.0x1.25	1.35	50	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7223KTNA01	2.0x1.25	1.35	50	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7223MTNA01	2.0x1.25	1.35	50	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7103KTNA01	2.0x1.25	1.35	50	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7103MTNA01	2.0x1.25	1.35	50	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSL8105KTNA01	3.2x1.6	1.8	25	X8L	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSL8105MTNA01	3.2x1.6	1.8	25	X8L	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSL8474KTNA01	3.2x1.6	1.8	25	X8L	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSL8474MTNA01	3.2x1.6	1.8	25	X8L	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSL8224KTNA01	3.2x1.6	1.8	25	X8L	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSL8224MTNA01	3.2x1.6	1.8	25	X8L	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSL8105KTNA01	3.2x1.6	1.8	50	X8L	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSL8105MTNA01	3.2x1.6	1.8	50	X8L	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASA31LAB7226KTNA01	3.2x1.6	1.8	4	X7R	22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASA31LAB7226MTNA01	3.2x1.6	1.8	4	X7R	22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ31LAB7226KTNA01	3.2x1.6	1.8	6.3	X7R	22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ31LAB7226MTNA01	3.2x1.6	1.8	6.3	X7R	22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ31LAB7106KTNA01	3.2x1.6	1.8	6.3	X7R	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ31LAB7106MTNA01	3.2x1.6	1.8	6.3	X7R	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LAB7226KTNA01	3.2x1.6	1.8	10	X7R	22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LAB7226MTNA01	3.2x1.6	1.8	10	X7R	22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LAB7106KTNA01	3.2x1.6	1.8	10	X7R	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LAB7106MTNA01	3.2x1.6	1.8	10	X7R	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LAB7475KTNA01	3.2x1.6	1.8	10	X7R	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LAB7475MTNA01	3.2x1.6	1.8	10	X7R	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LSB7225KTNA01	3.2x1.6	1.8	10	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LSB7225MTNA01	3.2x1.6	1.8	10	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LSB7105KTNA01	3.2x1.6	1.8	10	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LSB7105MTNA01	3.2x1.6	1.8	10	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LSB7474KTNA01	3.2x1.6	1.8	10	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LSB7474MTNA01	3.2x1.6	1.8	10	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LSB7224KTNA01	3.2x1.6	1.8	10	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LSB7224MTNA01	3.2x1.6	1.8	10	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LAB7106KTNA01	3.2x1.6	1.8	16	X7R	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LAB7106MTNA01	3.2x1.6	1.8	16	X7R	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LAB7475KTNA01	3.2x1.6	1.8	16	X7R	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LAB7475MTNA01	3.2x1.6	1.8	16	X7R	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LSB7225KTNA01	3.2x1.6	1.8	16	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LSB7225MTNA01	3.2x1.6	1.8	16	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LSB7105KTNA01	3.2x1.6	1.8	16	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LSB7105MTNA01	3.2x1.6	1.8	16	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LSB7474KTNA01	3.2x1.6	1.8	16	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LSB7474MTNA01	3.2x1.6	1.8	16	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LSB7224KTNA01	3.2x1.6	1.8	16	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LSB7224MTNA01	3.2x1.6	1.8	16	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LAB7106KTNA01	3.2x1.6	1.8	25	X7R	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LAB7106MTNA01	3.2x1.6	1.8	25	X7R	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications	Qualification
MAAST31LAB7475KTNA01	3.2x1.6	1.8	25	X7R	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LAB7475MTNA01	3.2x1.6	1.8	25	X7R	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7225KTNA01	3.2x1.6	1.8	25	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7225MTNA01	3.2x1.6	1.8	25	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7105KTNA01	3.2x1.6	1.8	25	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7105MTNA01	3.2x1.6	1.8	25	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7474KTNA01	3.2x1.6	1.8	25	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7474MTNA01	3.2x1.6	1.8	25	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7224KTNA01	3.2x1.6	1.8	25	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7224MTNA01	3.2x1.6	1.8	25	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7104KTNA01	3.2x1.6	1.8	25	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7104MTNA01	3.2x1.6	1.8	25	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSB7105KTNA01	3.2x1.6	1.8	50	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSB7105MTNA01	3.2x1.6	1.8	50	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSB7474KTNA01	3.2x1.6	1.8	50	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSB7474MTNA01	3.2x1.6	1.8	50	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSB7224KTNA01	3.2x1.6	1.8	50	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSB7224MTNA01	3.2x1.6	1.8	50	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSB7104KTNA01	3.2x1.6	1.8	50	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSB7104MTNA01	3.2x1.6	1.8	50	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31QHB7103KTNA01	3.2x1.6	1.25	50	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31QHB7103MTNA01	3.2x1.6	1.25	50	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31QHB7472KTNA01	3.2x1.6	1.25	50	X7R	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31QHB7472MTNA01	3.2x1.6	1.25	50	X7R	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31QHB7222KTNA01	3.2x1.6	1.25	50	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31QHB7222MTNA01	3.2x1.6	1.25	50	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31QHB7102KTNA01	3.2x1.6	1.25	50	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31QHB7102MTNA01	3.2x1.6	1.25	50	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSL8105KTNA01	3.2x2.5	2.1	25	X8L	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSL8105MTNA01	3.2x2.5	2.1	25	X8L	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSL8474KTNA01	3.2x2.5	2.1	25	X8L	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSL8474MTNA01	3.2x2.5	2.1	25	X8L	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSL8224KTNA01	3.2x2.5	2.1	25	X8L	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSL8224MTNA01	3.2x2.5	2.1	25	X8L	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32MSL8225KPNA01	3.2x2.5	2.7	50	X8L	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32MSL8225MPNA01	3.2x2.5	2.7	50	X8L	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ32MSB7476KPNA01	3.2x2.5	2.7	6.3	X7R	47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ32MSB7476MPNA01	3.2x2.5	2.7	6.3	X7R	47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ32MSB7226KPNA01	3.2x2.5	2.7	6.3	X7R	22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ32MSB7226MPNA01	3.2x2.5	2.7	6.3	X7R	22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32MSB7476KPNA01	3.2x2.5	2.7	10	X7R	47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32MSB7476MPNA01	3.2x2.5	2.7	10	X7R	47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32MSB7226KPNA01	3.2x2.5	2.7	10	X7R	22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32MSB7226MPNA01	3.2x2.5	2.7	10	X7R	22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32MSB7106KPNA01	3.2x2.5	2.7	10	X7R	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32MSB7106MPNA01	3.2x2.5	2.7	10	X7R	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32MSB7475KPNA01	3.2x2.5	2.7	10	X7R	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32MSB7475MPNA01	3.2x2.5	2.7	10	X7R	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32MSB7225KPNA01	3.2x2.5	2.7	10	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32MSB7225MPNA01	3.2x2.5	2.7	10	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32NSB7105KTNA01	3.2x2.5	2.1	10	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32NSB7105MTNA01	3.2x2.5	2.1	10	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32NSB7474KTNA01	3.2x2.5	2.1	10	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32NSB7474MTNA01	3.2x2.5	2.1	10	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32NSB7224KTNA01	3.2x2.5	2.1	10	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32NSB7224MTNA01	3.2x2.5	2.1	10	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32MSB7226KPNA01	3.2x2.5	2.7	16	X7R	22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32MSB7226MPNA01	3.2x2.5	2.7	16	X7R	22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32MSB7106KPNA01	3.2x2.5	2.7	16	X7R	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32MSB7106MPNA01	3.2x2.5	2.7	16	X7R	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32MSB7475KPNA01	3.2x2.5	2.7	16	X7R	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32MSB7475MPNA01	3.2x2.5	2.7	16	X7R	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32MSB7225KPNA01	3.2x2.5	2.7	16	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32MSB7225MPNA01	3.2x2.5	2.7	16	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32NSB7105KTNA01	3.2x2.5	2.1	16	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32NSB7105MTNA01	3.2x2.5	2.1	16	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32NSB7474KTNA01	3.2x2.5	2.1	16	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32NSB7474MTNA01	3.2x2.5	2.1	16	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32NSB7224KTNA01	3.2x2.5	2.1	16	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32NSB7224MTNA01	3.2x2.5	2.1	16	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications	Qualification
MAAST32MSB7226KPNA01	3.2x2.5	2.7	25	X7R	22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32MSB7226MPNA01	3.2x2.5	2.7	25	X7R	22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32MSB7106KPNA01	3.2x2.5	2.7	25	X7R	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32MSB7106MPNA01	3.2x2.5	2.7	25	X7R	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32MSB7475KPNA01	3.2x2.5	2.7	25	X7R	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32MSB7475MPNA01	3.2x2.5	2.7	25	X7R	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32MSB7225KPNA01	3.2x2.5	2.7	25	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32MSB7225MPNA01	3.2x2.5	2.7	25	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSB7105KTNA01	3.2x2.5	2.1	25	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSB7105MTNA01	3.2x2.5	2.1	25	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSB7474KTNA01	3.2x2.5	2.1	25	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSB7474MTNA01	3.2x2.5	2.1	25	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSB7224KTNA01	3.2x2.5	2.1	25	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSB7224MTNA01	3.2x2.5	2.1	25	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32MSB7475KPNA01	3.2x2.5	2.7	50	X7R	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32MSB7475MPNA01	3.2x2.5	2.7	50	X7R	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32MSB7225KPNA01	3.2x2.5	2.7	50	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32MSB7225MPNA01	3.2x2.5	2.7	50	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7105KTNA01	3.2x2.5	2.1	50	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7105MTNA01	3.2x2.5	2.1	50	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7474KTNA01	3.2x2.5	2.1	50	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7474MTNA01	3.2x2.5	2.1	50	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7224KTNA01	3.2x2.5	2.1	50	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7224MTNA01	3.2x2.5	2.1	50	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7104KTNA01	3.2x2.5	2.1	50	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7104MTNA01	3.2x2.5	2.1	50	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7473KTNA01	3.2x2.5	2.1	50	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7473MTNA01	3.2x2.5	2.1	50	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7223KTNA01	3.2x2.5	2.1	50	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7223MTNA01	3.2x2.5	2.1	50	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GSB7224KTNA01	2.0x1.25	1.35	100	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GSB7224MTNA01	2.0x1.25	1.35	100	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GSB7104KTNA01	2.0x1.25	1.35	100	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GSB7104MTNA01	2.0x1.25	1.35	100	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GSB7473KTNA01	2.0x1.25	1.35	100	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GSB7473MTNA01	2.0x1.25	1.35	100	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GSB7223KTNA01	2.0x1.25	1.35	100	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GSB7223MTNA01	2.0x1.25	1.35	100	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GSB7103KTNA01	2.0x1.25	1.35	100	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GSB7103MTNA01	2.0x1.25	1.35	100	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31LSB7474KTNA01	3.2x1.6	1.8	100	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31LSB7474MTNA01	3.2x1.6	1.8	100	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31LSB7224KTNA01	3.2x1.6	1.8	100	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31LSB7224MTNA01	3.2x1.6	1.8	100	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31LSB7104KTNA01	3.2x1.6	1.8	100	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31LSB7104MTNA01	3.2x1.6	1.8	100	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31QHB7103KTNA01	3.2x1.6	1.25	100	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31QHB7103MTNA01	3.2x1.6	1.25	100	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31QHB7472KTNA01	3.2x1.6	1.25	100	X7R	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31QHB7472MTNA01	3.2x1.6	1.25	100	X7R	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31QHB7222KTNA01	3.2x1.6	1.25	100	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31QHB7222MTNA01	3.2x1.6	1.25	100	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31QHB7102KTNA01	3.2x1.6	1.25	100	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31QHB7102MTNA01	3.2x1.6	1.25	100	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH32MSB7225KPNA01	3.2x2.5	2.7	100	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH32MSB7225MPNA01	3.2x2.5	2.7	100	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH32NSB7224KTNA01	3.2x2.5	2.1	100	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH32NSB7224MTNA01	3.2x2.5	2.1	100	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH32NSB7104KTNA01	3.2x2.5	2.1	100	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH32NSB7104MTNA01	3.2x2.5	2.1	100	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH32NSB7473KTNA01	3.2x2.5	2.1	100	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH32NSB7473MTNA01	3.2x2.5	2.1	100	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH32NSB7223KTNA01	3.2x2.5	2.1	100	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH32NSB7223MTNA01	3.2x2.5	2.1	100	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200

Multilayer Ceramic Capacitors - High Dielectric Type, Cu External Electrode Products

Simple Product Catalog

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications	Qualification
MAASA063SD7104KFA01	0.6x0.3	0.33	4	X7T	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASA063SD7104MFA01	0.6x0.3	0.33	4	X7T	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ063SD7104KFA01	0.6x0.3	0.33	6.3	X7T	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ063SD7104MFA01	0.6x0.3	0.33	6.3	X7T	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ063SD7473KFA01	0.6x0.3	0.33	6.3	X7T	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ063SD7473MFA01	0.6x0.3	0.33	6.3	X7T	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ063SD7333KFA01	0.6x0.3	0.33	6.3	X7T	0.033 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ063SD7333MFA01	0.6x0.3	0.33	6.3	X7T	0.033 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ063SD7223KFA01	0.6x0.3	0.33	6.3	X7T	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ063SD7223MFA01	0.6x0.3	0.33	6.3	X7T	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SC7104KFA01	0.6x0.3	0.33	10	X7S	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SC7104MFA01	0.6x0.3	0.33	10	X7S	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7103KFA01	0.6x0.3	0.33	10	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7103MFA01	0.6x0.3	0.33	10	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7682KFA01	0.6x0.3	0.33	10	X7R	6800 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7682MFA01	0.6x0.3	0.33	10	X7R	6800 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7472KFA01	0.6x0.3	0.33	10	X7R	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7472MFA01	0.6x0.3	0.33	10	X7R	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7332KFA01	0.6x0.3	0.33	10	X7R	3300 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7332MFA01	0.6x0.3	0.33	10	X7R	3300 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7222KFA01	0.6x0.3	0.33	10	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7222MFA01	0.6x0.3	0.33	10	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7152KFA01	0.6x0.3	0.33	10	X7R	1500 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7152MFA01	0.6x0.3	0.33	10	X7R	1500 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7102KFA01	0.6x0.3	0.33	10	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7102MFA01	0.6x0.3	0.33	10	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7681KFA01	0.6x0.3	0.33	10	X7R	680 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7681MFA01	0.6x0.3	0.33	10	X7R	680 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7471KFA01	0.6x0.3	0.33	10	X7R	470 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7471MFA01	0.6x0.3	0.33	10	X7R	470 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7331KFA01	0.6x0.3	0.33	10	X7R	330 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7331MFA01	0.6x0.3	0.33	10	X7R	330 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7221KFA01	0.6x0.3	0.33	10	X7R	220 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7221MFA01	0.6x0.3	0.33	10	X7R	220 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7151KFA01	0.6x0.3	0.33	10	X7R	150 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7151MFA01	0.6x0.3	0.33	10	X7R	150 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7101KFA01	0.6x0.3	0.33	10	X7R	100 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL063SB7101MFA01	0.6x0.3	0.33	10	X7R	100 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7332KFA01	0.6x0.3	0.33	16	X7R	3300 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7332MFA01	0.6x0.3	0.33	16	X7R	3300 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7222KFA01	0.6x0.3	0.33	16	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7222MFA01	0.6x0.3	0.33	16	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7152KFA01	0.6x0.3	0.33	16	X7R	1500 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7152MFA01	0.6x0.3	0.33	16	X7R	1500 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7102KFA01	0.6x0.3	0.33	16	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7102MFA01	0.6x0.3	0.33	16	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7681KFA01	0.6x0.3	0.33	16	X7R	680 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7681MFA01	0.6x0.3	0.33	16	X7R	680 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7471KFA01	0.6x0.3	0.33	16	X7R	470 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7471MFA01	0.6x0.3	0.33	16	X7R	470 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7331KFA01	0.6x0.3	0.33	16	X7R	330 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7331MFA01	0.6x0.3	0.33	16	X7R	330 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7221KFA01	0.6x0.3	0.33	16	X7R	220 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7221MFA01	0.6x0.3	0.33	16	X7R	220 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7151KFA01	0.6x0.3	0.33	16	X7R	150 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7151MFA01	0.6x0.3	0.33	16	X7R	150 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7101KFA01	0.6x0.3	0.33	16	X7R	100 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE063SB7101MFA01	0.6x0.3	0.33	16	X7R	100 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7103KFA01	0.6x0.3	0.33	25	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7103MFA01	0.6x0.3	0.33	25	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7332KFA01	0.6x0.3	0.33	25	X7R	3300 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7332MFA01	0.6x0.3	0.33	25	X7R	3300 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7222KFA01	0.6x0.3	0.33	25	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7222MFA01	0.6x0.3	0.33	25	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7152KFA01	0.6x0.3	0.33	25	X7R	1500 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7152MFA01	0.6x0.3	0.33	25	X7R	1500 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7102KFA01	0.6x0.3	0.33	25	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7102MFA01	0.6x0.3	0.33	25	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7681KFA01	0.6x0.3	0.33	25	X7R	680 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7681MFA01	0.6x0.3	0.33	25	X7R	680 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200

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Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications	Qualification
MAAST063SB7471KFCA01	0.6x0.3	0.33	25	X7R	470 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7471MFCA01	0.6x0.3	0.33	25	X7R	470 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7331KFCA01	0.6x0.3	0.33	25	X7R	330 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7331MFCA01	0.6x0.3	0.33	25	X7R	330 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7221KFCA01	0.6x0.3	0.33	25	X7R	220 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7221MFCA01	0.6x0.3	0.33	25	X7R	220 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7151KFCA01	0.6x0.3	0.33	25	X7R	150 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7151MFCA01	0.6x0.3	0.33	25	X7R	150 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7101KFCA01	0.6x0.3	0.33	25	X7R	100 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST063SB7101MFCA01	0.6x0.3	0.33	25	X7R	100 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU063SB7222KFCA01	0.6x0.3	0.33	50	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU063SB7222MFCA01	0.6x0.3	0.33	50	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU063SB7102KFCA01	0.6x0.3	0.33	50	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU063SB7102MFCA01	0.6x0.3	0.33	50	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ105SL8104KFCA01	1.0x0.5	0.55	6.3	X8L	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ105SL8104MFCA01	1.0x0.5	0.55	6.3	X8L	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ105SL8683KFCA01	1.0x0.5	0.55	6.3	X8L	0.068 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ105SL8683MFCA01	1.0x0.5	0.55	6.3	X8L	0.068 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SL8473KFCA01	1.0x0.5	0.55	10	X8L	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SL8473MFCA01	1.0x0.5	0.55	10	X8L	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SL8333KFCA01	1.0x0.5	0.55	10	X8L	0.033 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SL8333MFCA01	1.0x0.5	0.55	10	X8L	0.033 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SL8223KFCA01	1.0x0.5	0.55	16	X8L	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SL8223MFCA01	1.0x0.5	0.55	16	X8L	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SL8153KFCA01	1.0x0.5	0.55	16	X8L	0.015 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SL8153MFCA01	1.0x0.5	0.55	16	X8L	0.015 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SL8103KFCA01	1.0x0.5	0.55	25	X8L	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SL8103MFCA01	1.0x0.5	0.55	25	X8L	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SL8682KFCA01	1.0x0.5	0.55	25	X8L	6800 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SL8682MFCA01	1.0x0.5	0.55	25	X8L	6800 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SL8472KFCA01	1.0x0.5	0.55	50	X8L	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SL8472MFCA01	1.0x0.5	0.55	50	X8L	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SL8332KFCA01	1.0x0.5	0.55	50	X8L	3300 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SL8332MFCA01	1.0x0.5	0.55	50	X8L	3300 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SL8222KFCA01	1.0x0.5	0.55	50	X8L	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SL8222MFCA01	1.0x0.5	0.55	50	X8L	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SL8152KFCA01	1.0x0.5	0.55	50	X8L	1500 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SL8152MFCA01	1.0x0.5	0.55	50	X8L	1500 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SL8102KFCA01	1.0x0.5	0.55	50	X8L	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SL8102MFCA01	1.0x0.5	0.55	50	X8L	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SL8681KFCA01	1.0x0.5	0.55	50	X8L	680 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SL8681MFCA01	1.0x0.5	0.55	50	X8L	680 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASA105CD7105KFCA01	1.0x0.5	0.7	4	X7T	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASA105CD7105MFCA01	1.0x0.5	0.7	4	X7T	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ105CD7225KFCA01	1.0x0.5	0.7	6.3	X7T	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ105CD7225MFCA01	1.0x0.5	0.7	6.3	X7T	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ105CD7105KFCA01	1.0x0.5	0.7	6.3	X7T	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ105CD7105MFCA01	1.0x0.5	0.7	6.3	X7T	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ105AD7474KFCA01	1.0x0.5	0.6	6.3	X7T	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ105AD7474MFCA01	1.0x0.5	0.6	6.3	X7T	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ105SB7224KFCA01	1.0x0.5	0.55	6.3	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ105SB7224MFCA01	1.0x0.5	0.55	6.3	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105CD7105KFCA01	1.0x0.5	0.7	10	X7T	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105CD7105MFCA01	1.0x0.5	0.7	10	X7T	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105AD7474KFCA01	1.0x0.5	0.6	10	X7T	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105AD7474MFCA01	1.0x0.5	0.6	10	X7T	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105CC7105KFCA01	1.0x0.5	0.7	10	X7S	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105CC7105MFCA01	1.0x0.5	0.7	10	X7S	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7224KFCA01	1.0x0.5	0.55	10	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL105SB7224MFCA01	1.0x0.5	0.55	10	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7224KFCA01	1.0x0.5	0.55	16	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7224MFCA01	1.0x0.5	0.55	16	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7104KFCA01	1.0x0.5	0.55	16	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7104MFCA01	1.0x0.5	0.55	16	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7683KFCA01	1.0x0.5	0.55	16	X7R	0.068 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7683MFCA01	1.0x0.5	0.55	16	X7R	0.068 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7473KFCA01	1.0x0.5	0.55	16	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE105SB7473MFCA01	1.0x0.5	0.55	16	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7473KFCA01	1.0x0.5	0.55	25	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7473MFCA01	1.0x0.5	0.55	25	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200

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Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications	Qualification
MAAST105SB7333KFA01	1.0x0.5	0.55	25	X7R	0.033 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7333MFA01	1.0x0.5	0.55	25	X7R	0.033 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7103KFA01	1.0x0.5	0.55	25	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SB7103MFA01	1.0x0.5	0.55	25	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SC7224KFA01	1.0x0.5	0.55	25	X7S	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105SC7224MFA01	1.0x0.5	0.55	25	X7S	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105AB7104KFA01	1.0x0.5	0.6	25	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105AB7104MFA01	1.0x0.5	0.6	25	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105AB7683KFA01	1.0x0.5	0.6	25	X7R	0.068 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST105AB7683MFA01	1.0x0.5	0.6	25	X7R	0.068 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105AB7104KFA01	1.0x0.5	0.6	50	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105AB7104MFA01	1.0x0.5	0.6	50	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105AB7683KFA01	1.0x0.5	0.6	50	X7R	0.068 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105AB7683MFA01	1.0x0.5	0.6	50	X7R	0.068 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7473KFA01	1.0x0.5	0.55	50	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7473MFA01	1.0x0.5	0.55	50	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7333KFA01	1.0x0.5	0.55	50	X7R	0.033 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7333MFA01	1.0x0.5	0.55	50	X7R	0.033 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7223KFA01	1.0x0.5	0.55	50	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7223MFA01	1.0x0.5	0.55	50	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7153KFA01	1.0x0.5	0.55	50	X7R	0.015 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7153MFA01	1.0x0.5	0.55	50	X7R	0.015 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7103KFA01	1.0x0.5	0.55	50	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7103MFA01	1.0x0.5	0.55	50	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7682KFA01	1.0x0.5	0.55	50	X7R	6800 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7682MFA01	1.0x0.5	0.55	50	X7R	6800 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7472KFA01	1.0x0.5	0.55	50	X7R	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7472MFA01	1.0x0.5	0.55	50	X7R	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7332KFA01	1.0x0.5	0.55	50	X7R	3300 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7332MFA01	1.0x0.5	0.55	50	X7R	3300 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7222KFA01	1.0x0.5	0.55	50	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7222MFA01	1.0x0.5	0.55	50	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7152KFA01	1.0x0.5	0.55	50	X7R	1500 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7152MFA01	1.0x0.5	0.55	50	X7R	1500 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7102KFA01	1.0x0.5	0.55	50	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7102MFA01	1.0x0.5	0.55	50	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7681KFA01	1.0x0.5	0.55	50	X7R	680 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7681MFA01	1.0x0.5	0.55	50	X7R	680 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7471KFA01	1.0x0.5	0.55	50	X7R	470 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7471MFA01	1.0x0.5	0.55	50	X7R	470 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7331KFA01	1.0x0.5	0.55	50	X7R	330 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7331MFA01	1.0x0.5	0.55	50	X7R	330 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7221KFA01	1.0x0.5	0.55	50	X7R	220 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU105SB7221MFA01	1.0x0.5	0.55	50	X7R	220 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ168SL8474KTCa01	1.6x0.8	0.9	6.3	X8L	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ168SL8474MTCa01	1.6x0.8	0.9	6.3	X8L	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ168SL8224KTCa01	1.6x0.8	0.9	6.3	X8L	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ168SL8224MTCa01	1.6x0.8	0.9	6.3	X8L	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168AL8104KTCa01	1.6x0.8	0.95	50	X8L	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168AL8104MTCa01	1.6x0.8	0.95	50	X8L	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8473KTCa01	1.6x0.8	0.9	50	X8L	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8473MTCa01	1.6x0.8	0.9	50	X8L	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8333KTCa01	1.6x0.8	0.9	50	X8L	0.033 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8333MTCa01	1.6x0.8	0.9	50	X8L	0.033 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8223KTCa01	1.6x0.8	0.9	50	X8L	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8223MTCa01	1.6x0.8	0.9	50	X8L	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8153KTCa01	1.6x0.8	0.9	50	X8L	0.015 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8153MTCa01	1.6x0.8	0.9	50	X8L	0.015 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8103KTCa01	1.6x0.8	0.9	50	X8L	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8103MTCa01	1.6x0.8	0.9	50	X8L	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8682KTCa01	1.6x0.8	0.9	50	X8L	6800 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8682MTCa01	1.6x0.8	0.9	50	X8L	6800 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8472KTCa01	1.6x0.8	0.9	50	X8L	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8472MTCa01	1.6x0.8	0.9	50	X8L	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8332KTCa01	1.6x0.8	0.9	50	X8L	3300 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8332MTCa01	1.6x0.8	0.9	50	X8L	3300 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8222KTCa01	1.6x0.8	0.9	50	X8L	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8222MTCa01	1.6x0.8	0.9	50	X8L	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8152KTCa01	1.6x0.8	0.9	50	X8L	1500 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8152MTCa01	1.6x0.8	0.9	50	X8L	1500 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200

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Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications	Qualification
MAASU168SL8102KTCa01	1.6x0.8	0.9	50	X8L	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SL8102MTCa01	1.6x0.8	0.9	50	X8L	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASA168BD7106MTCa01	1.6x0.8	1	4	X7T	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ168BD7106MTCa01	1.6x0.8	1	6.3	X7T	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ168BD7475KTCa01	1.6x0.8	1	6.3	X7T	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ168BD7475MTCa01	1.6x0.8	1	6.3	X7T	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ168SB7225KTCa01	1.6x0.8	0.9	6.3	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ168SB7225MTCa01	1.6x0.8	0.9	6.3	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168BD7475KTCa01	1.6x0.8	1	10	X7T	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168BD7475MTCa01	1.6x0.8	1	10	X7T	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SD7225KTCa01	1.6x0.8	0.9	10	X7T	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SD7225MTCa01	1.6x0.8	0.9	10	X7T	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SC7225KTCa01	1.6x0.8	0.9	10	X7S	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SC7225MTCa01	1.6x0.8	0.9	10	X7S	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7105KTCa01	1.6x0.8	0.9	10	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL168SB7105MTCa01	1.6x0.8	0.9	10	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7105KTCa01	1.6x0.8	0.9	16	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7105MTCa01	1.6x0.8	0.9	16	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7474KTCa01	1.6x0.8	0.9	16	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE168SB7474MTCa01	1.6x0.8	0.9	16	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7105KTCa01	1.6x0.8	0.9	25	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7105MTCa01	1.6x0.8	0.9	25	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7474KTCa01	1.6x0.8	0.9	25	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7474MTCa01	1.6x0.8	0.9	25	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7224KTCa01	1.6x0.8	0.9	25	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST168SB7224MTCa01	1.6x0.8	0.9	25	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168AC7224KTCa01	1.6x0.8	0.95	50	X7S	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168AC7224MTCa01	1.6x0.8	0.95	50	X7S	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7104KTCa01	1.6x0.8	0.9	50	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7104MTCa01	1.6x0.8	0.9	50	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7473KTCa01	1.6x0.8	0.9	50	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7473MTCa01	1.6x0.8	0.9	50	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7333KTCa01	1.6x0.8	0.9	50	X7R	0.033 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7333MTCa01	1.6x0.8	0.9	50	X7R	0.033 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7223KTCa01	1.6x0.8	0.9	50	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7223MTCa01	1.6x0.8	0.9	50	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7153KTCa01	1.6x0.8	0.9	50	X7R	0.015 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU168SB7153MTCa01	1.6x0.8	0.9	50	X7R	0.015 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASA21GBD7226MTCa01	2.0x1.25	1.45	4	X7T	22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ21GBD7226MTCa01	2.0x1.25	1.45	6.3	X7T	22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ21GBC7106KTCa01	2.0x1.25	1.45	6.3	X7S	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ21GBC7106MTCa01	2.0x1.25	1.45	6.3	X7S	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GBD7106KTCa01	2.0x1.25	1.45	10	X7T	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GBD7106MTCa01	2.0x1.25	1.45	10	X7T	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GBC7475KTCa01	2.0x1.25	1.45	10	X7S	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GBC7475MTCa01	2.0x1.25	1.45	10	X7S	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7225KTCa01	2.0x1.25	1.35	10	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL21GSB7225MTCa01	2.0x1.25	1.35	10	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GBD7106KTCa01	2.0x1.25	1.45	16	X7T	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GBD7106MTCa01	2.0x1.25	1.45	16	X7T	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GBC7475KTCa01	2.0x1.25	1.45	16	X7S	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GBC7475MTCa01	2.0x1.25	1.45	16	X7S	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GBC7225KTCa01	2.0x1.25	1.45	16	X7S	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE21GBC7225MTCa01	2.0x1.25	1.45	16	X7S	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GBC7475KTCa01	2.0x1.25	1.45	25	X7S	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GBC7475MTCa01	2.0x1.25	1.45	25	X7S	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GBC7225KTCa01	2.0x1.25	1.45	25	X7S	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GBC7225MTCa01	2.0x1.25	1.45	25	X7S	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7105KTCa01	2.0x1.25	1.35	25	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7105MTCa01	2.0x1.25	1.35	25	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7474KTCa01	2.0x1.25	1.35	25	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST21GSB7474MTCa01	2.0x1.25	1.35	25	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GAB7105KTCa01	2.0x1.25	1.4	50	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GAB7105MTCa01	2.0x1.25	1.4	50	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GCC7105KTCa01	2.0x1.25	1.5	50	X7S	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GCC7105MTCa01	2.0x1.25	1.5	50	X7S	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GAC7474KTCa01	2.0x1.25	1.4	50	X7S	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GAC7474MTCa01	2.0x1.25	1.4	50	X7S	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7224KTCa01	2.0x1.25	1.35	50	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7224MTCa01	2.0x1.25	1.35	50	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200

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Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications	Qualification
MAASU21GSB7104KTCA01	2.0x1.25	1.35	50	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7104MTCA01	2.0x1.25	1.35	50	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7473KTCA01	2.0x1.25	1.35	50	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU21GSB7473MTCA01	2.0x1.25	1.35	50	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ31LSB7106KTCA01	3.2x1.6	1.8	6.3	X7R	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ31LSB7106MTCA01	3.2x1.6	1.8	6.3	X7R	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LSB7475KTCA01	3.2x1.6	1.8	10	X7R	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LSB7475MTCA01	3.2x1.6	1.8	10	X7R	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LBC7106KTCA01	3.2x1.6	1.9	10	X7S	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL31LBC7106MTCA01	3.2x1.6	1.9	10	X7S	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LSB7225KTCA01	3.2x1.6	1.8	16	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LSB7225MTCA01	3.2x1.6	1.8	16	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LBC7106KTCA01	3.2x1.6	1.9	16	X7S	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE31LBC7106MTCA01	3.2x1.6	1.9	16	X7S	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7105KTCA01	3.2x1.6	1.8	25	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7105MTCA01	3.2x1.6	1.8	25	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7474KTCA01	3.2x1.6	1.8	25	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LSB7474MTCA01	3.2x1.6	1.8	25	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LBC7106KTCA01	3.2x1.6	1.9	25	X7S	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST31LBC7106MTCA01	3.2x1.6	1.9	25	X7S	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSB7105KTCA01	3.2x1.6	1.8	50	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSB7105MTCA01	3.2x1.6	1.8	50	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSB7224KTCA01	3.2x1.6	1.8	50	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LSB7224MTCA01	3.2x1.6	1.8	50	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LBC7475KTCA01	3.2x1.6	1.9	50	X7S	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LBC7475MTCA01	3.2x1.6	1.9	50	X7S	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LBC7225KTCA01	3.2x1.6	1.9	50	X7S	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU31LBC7225MTCA01	3.2x1.6	1.9	50	X7S	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASP32MAD7107MPCA01	3.2x2.5	2.8	2.5	X7T	100 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ32MSB7476MPCA01	3.2x2.5	2.7	6.3	X7R	47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASJ32MAC7476MPCA01	3.2x2.5	2.8	6.3	X7S	47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32MSB7226KPCA01	3.2x2.5	2.7	10	X7R	22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASL32MSB7226MPCA01	3.2x2.5	2.7	10	X7R	22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32MSB7106KPCA01	3.2x2.5	2.7	16	X7R	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASE32MSB7106MPCA01	3.2x2.5	2.7	16	X7R	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32MSB7106KPCA01	3.2x2.5	2.7	25	X7R	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32MSB7106MPCA01	3.2x2.5	2.7	25	X7R	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSB7685KTCA01	3.2x2.5	2.1	25	X7R	6.8 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSB7685MTCA01	3.2x2.5	2.1	25	X7R	6.8 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSB7475KTCA01	3.2x2.5	2.1	25	X7R	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSB7475MTCA01	3.2x2.5	2.1	25	X7R	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSB7225KTCA01	3.2x2.5	2.1	25	X7R	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAAST32NSB7225MTCA01	3.2x2.5	2.1	25	X7R	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32MAC7106KPCA01	3.2x2.5	2.8	50	X7S	10 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32MAC7106MPCA01	3.2x2.5	2.8	50	X7S	10 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32MAC7475KPCA01	3.2x2.5	2.8	50	X7S	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32MAC7475MPCA01	3.2x2.5	2.8	50	X7S	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7105KTCA01	3.2x2.5	2.1	50	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7105MTCA01	3.2x2.5	2.1	50	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7474KTCA01	3.2x2.5	2.1	50	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASU32NSB7474MTCA01	3.2x2.5	2.1	50	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SL8102KFCA01	1.0x0.5	0.55	100	X8L	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SL8102MFCA01	1.0x0.5	0.55	100	X8L	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SL8681KFCA01	1.0x0.5	0.55	100	X8L	680 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SL8681MFCA01	1.0x0.5	0.55	100	X8L	680 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7103KFCA01	1.0x0.5	0.55	100	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7103MFCA01	1.0x0.5	0.55	100	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7682KFCA01	1.0x0.5	0.55	100	X7R	6800 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7682MFCA01	1.0x0.5	0.55	100	X7R	6800 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7472KFCA01	1.0x0.5	0.55	100	X7R	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7472MFCA01	1.0x0.5	0.55	100	X7R	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7332KFCA01	1.0x0.5	0.55	100	X7R	3300 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7332MFCA01	1.0x0.5	0.55	100	X7R	3300 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7222KFCA01	1.0x0.5	0.55	100	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7222MFCA01	1.0x0.5	0.55	100	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7152KFCA01	1.0x0.5	0.55	100	X7R	1500 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7152MFCA01	1.0x0.5	0.55	100	X7R	1500 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7102KFCA01	1.0x0.5	0.55	100	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7102MFCA01	1.0x0.5	0.55	100	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7681KFCA01	1.0x0.5	0.55	100	X7R	680 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications	Qualification
MAASH105SB7681MFCa01	1.0x0.5	0.55	100	X7R	680 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7471KFCa01	1.0x0.5	0.55	100	X7R	470 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7471MFCa01	1.0x0.5	0.55	100	X7R	470 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7331KFCa01	1.0x0.5	0.55	100	X7R	330 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7331MFCa01	1.0x0.5	0.55	100	X7R	330 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7221KFCa01	1.0x0.5	0.55	100	X7R	220 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH105SB7221MFCa01	1.0x0.5	0.55	100	X7R	220 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8103KTCa01	1.6x0.8	0.9	100	X8L	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8103MTCa01	1.6x0.8	0.9	100	X8L	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8682KTCa01	1.6x0.8	0.9	100	X8L	6800 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8682MTCa01	1.6x0.8	0.9	100	X8L	6800 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8472KTCa01	1.6x0.8	0.9	100	X8L	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8472MTCa01	1.6x0.8	0.9	100	X8L	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8332KTCa01	1.6x0.8	0.9	100	X8L	3300 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8332MTCa01	1.6x0.8	0.9	100	X8L	3300 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8222KTCa01	1.6x0.8	0.9	100	X8L	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8222MTCa01	1.6x0.8	0.9	100	X8L	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8152KTCa01	1.6x0.8	0.9	100	X8L	1500 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8152MTCa01	1.6x0.8	0.9	100	X8L	1500 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8102KTCa01	1.6x0.8	0.9	100	X8L	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SL8102MTCa01	1.6x0.8	0.9	100	X8L	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168AB7104KTCa01	1.6x0.8	0.95	100	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168AB7104MTCa01	1.6x0.8	0.95	100	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7473KTCa01	1.6x0.8	0.9	100	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7473MTCa01	1.6x0.8	0.9	100	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7333KTCa01	1.6x0.8	0.9	100	X7R	0.033 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7333MTCa01	1.6x0.8	0.9	100	X7R	0.033 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7223KTCa01	1.6x0.8	0.9	100	X7R	0.022 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7223MTCa01	1.6x0.8	0.9	100	X7R	0.022 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7153KTCa01	1.6x0.8	0.9	100	X7R	0.015 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7153MTCa01	1.6x0.8	0.9	100	X7R	0.015 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7103KTCa01	1.6x0.8	0.9	100	X7R	0.01 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7103MTCa01	1.6x0.8	0.9	100	X7R	0.01 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7682KTCa01	1.6x0.8	0.9	100	X7R	6800 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7682MTCa01	1.6x0.8	0.9	100	X7R	6800 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7472KTCa01	1.6x0.8	0.9	100	X7R	4700 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7472MTCa01	1.6x0.8	0.9	100	X7R	4700 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7332KTCa01	1.6x0.8	0.9	100	X7R	3300 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7332MTCa01	1.6x0.8	0.9	100	X7R	3300 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7222KTCa01	1.6x0.8	0.9	100	X7R	2200 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7222MTCa01	1.6x0.8	0.9	100	X7R	2200 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7152KTCa01	1.6x0.8	0.9	100	X7R	1500 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7152MTCa01	1.6x0.8	0.9	100	X7R	1500 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7102KTCa01	1.6x0.8	0.9	100	X7R	1000 pF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH168SB7102MTCa01	1.6x0.8	0.9	100	X7R	1000 pF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GCC7105KTCa01	2.0x1.25	1.5	100	X7S	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GCC7105MTCa01	2.0x1.25	1.5	100	X7S	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GAC7474KTCa01	2.0x1.25	1.4	100	X7S	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH21GAC7474MTCa01	2.0x1.25	1.4	100	X7S	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31LBC7225KTCa01	3.2x1.6	1.9	100	X7S	2.2 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31LBC7225MTCa01	3.2x1.6	1.9	100	X7S	2.2 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31LSB7105KTCa01	3.2x1.6	1.8	100	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH31LSB7105MTCa01	3.2x1.6	1.8	100	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH32MAC7475KPCA01	3.2x2.5	2.8	100	X7S	4.7 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASH32MAC7475MPCA01	3.2x2.5	2.8	100	X7S	4.7 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASQ31LSB7104KTCa01	3.2x1.6	1.8	250	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAASQ31LSB7104MTCa01	3.2x1.6	1.8	250	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200

Multilayer Ceramic Capacitors - High Dielectric Type, Soft Termination Products

Simple Product Catalog

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications	Qualification
MAJCL168BB7105KTEA01	1.6x0.8	1	10	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCL168BB7105MTEA01	1.6x0.8	1	10	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCL168BB7474KTEA01	1.6x0.8	1	10	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCL168BB7474MTEA01	1.6x0.8	1	10	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCL168BB7224KTEA01	1.6x0.8	1	10	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCL168BB7224MTEA01	1.6x0.8	1	10	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCE168BB7105KTEA01	1.6x0.8	1	16	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCE168BB7105MTEA01	1.6x0.8	1	16	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCE168BB7474KTEA01	1.6x0.8	1	16	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCE168BB7474MTEA01	1.6x0.8	1	16	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCE168BB7224KTEA01	1.6x0.8	1	16	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCE168BB7224MTEA01	1.6x0.8	1	16	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCT168BB7105KTEA01	1.6x0.8	1	25	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCT168BB7105MTEA01	1.6x0.8	1	25	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCT168BB7474KTEA01	1.6x0.8	1	25	X7R	0.47 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCT168BB7474MTEA01	1.6x0.8	1	25	X7R	0.47 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCT168BB7224KTEA01	1.6x0.8	1	25	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCT168BB7224MTEA01	1.6x0.8	1	25	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCU168BC7224KTEA01	1.6x0.8	1	50	X7S	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCU168BC7224MTEA01	1.6x0.8	1	50	X7S	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCU168BB7104KTEA01	1.6x0.8	1	50	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCU168BB7104MTEA01	1.6x0.8	1	50	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCU168BB7473KTEA01	1.6x0.8	1	50	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCU168BB7473MTEA01	1.6x0.8	1	50	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCL31LBB7105KTEA01	3.2x1.6	1.9	10	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCL31LBB7105MTEA01	3.2x1.6	1.9	10	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCE31LBB7105KTEA01	3.2x1.6	1.9	16	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCE31LBB7105MTEA01	3.2x1.6	1.9	16	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCT31LBB7105KTEA01	3.2x1.6	1.9	25	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCT31LBB7105MTEA01	3.2x1.6	1.9	25	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCU31LBB7105KTEA01	3.2x1.6	1.9	50	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCU31LBB7105MTEA01	3.2x1.6	1.9	50	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCU31LBB7224KTQA01	3.2x1.6	1.9	50	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCU31LBB7224MTQA01	3.2x1.6	1.9	50	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCH168BB7104KTEA01	1.6x0.8	1	100	X7R	0.1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCH168BB7104MTEA01	1.6x0.8	1	100	X7R	0.1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCH168BB7473KTEA01	1.6x0.8	1	100	X7R	0.047 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCH168BB7473MTEA01	1.6x0.8	1	100	X7R	0.047 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCH31LBB7105KTEA01	3.2x1.6	1.9	100	X7R	1 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCH31LBB7105MTEA01	3.2x1.6	1.9	100	X7R	1 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCH31LBB7224KTQA01	3.2x1.6	1.9	100	X7R	0.22 uF	± 10 %	(A)Auto. (Powertrain, Safety)	AEC-Q200
MAJCH31LBB7224MTQA01	3.2x1.6	1.9	100	X7R	0.22 uF	± 20 %	(A)Auto. (Powertrain, Safety)	AEC-Q200