MH Ceramic Capacitor
RoHS compliant Ceramic capacitor in molded SM Leadframe

/AVX

AVX are pleased to introduce the MH range of multi layer ceramic capacitors. The MH components are surface mount molded parts with a multi layer ceramic insert.

MH capacitors combine the ceramic attributes of very low ESR, non polar construction, excellent high frequency behaviour, excellent voltage stress capabilities and wide temperature range; with the enhanced mechanical protection of a molded case.

The MH range provides a lead free solution to customers who have previously been unable to use large case size ceramic capacitor, or stacked ceramic capacitor solutions because of thermal / mechanical concerns.

HOW TO ORDER

MH	V	1	1	C	235	M	A	T	2	A
MH Series	Case Size	MLCC count	Voltage	Dielectric	Capacitance Code (In pF)	Capacitance Tolerance	Failure Rate	Terminations	Packaging	Special Code

Voltage:
3 = 25V
5 = 50V
1 = 100V

Dielectric:
C = X7R

Capacitance Code (In pF):
2 Sig. Digits + Number of Zeros

Capacitance Tolerance:
J = ±5%
K = ±10%
M = ±20%

Failure Rate:
A = Not Applicable

Terminations:
T = Tin plated

Packaging:
2 = 7" Reel
4 = 13" Reel
6 = Waffle pack

Special Code:
A = Std. Product

MH X7R Target Range

			MH		
			25	50	100
105	Cap	1			V
125	(uF)	1.2			V
155		1.5			V
225		2.2			V
335		3.3			Z
475		4.7		V	Z
565		5.6		V	
685		6.8		V	
825		8.2		V	
106		10	V	V	
126		12	V	Z	
156		15	V	Z	
226		22	V		
336		33	Z		
476		47			

V denotes V case Size
Z Denotes Z case Size

[orange box] In development, contact plant for detail.

TS 16949, ISO 14001 Certified Manufacture

RoHS COMPLIANT