

MH Ceramic Capacitor

RoHS compliant Ceramic capacitor in molded SM Leadframe



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

<u>MH</u>	<u>V</u>	<u>1</u>	<u>1</u>	<u>C</u>	<u>235</u>	<u>M</u>	<u>A</u>	<u>T</u>	<u>2</u>	<u>A</u>
MH Series	Case Size	MLCC count	Voltage	Dielectric	Capacitance Code (In pF) 2 Sig. Digits + Number of Zeros	Capacitance Tolerance	Failure Rate	Terminations	Packaging	Special Code
			3 = 25V 5 = 50V 1 = 100V	C = X7R		J = ±5% K = ±10% M = ±20%	A = Not Applicable	T = Tin plated	2 = 7" Reel 4 = 13" Reel 6 = Waffle pack	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

In development, contact plant for detail.

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