

MH Ceramic Capacitor



Lead Free 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 behavior, 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 ceramic capacitors because of mechanical stressing concerns.

For those applications where a Tin termination is not acceptable, a Tin/Lead termination is available.

HOW TO ORDER

MH	V	1	1	C	475	M	A	T	2	A
MH Series	Case Size see table below	MLCC Count	Voltage 3 = 25V 5 = 50V 1 = 100V	Dielectric C = X7R	Capacitance Code (In pF) 2 Sig. Digits + Number of Zeros	Capacitance Tolerance K = ±10% M = ±20%	Failure Rate A = Not Applicable	Terminations T = Tin Plated B = Tin/Lead Plated	Packaging 2 = 7" Reel 4 = 13" Reel 6 = Waffle Pack	Special Code A = Std. Product

MH X7R RANGE

	Cap μ F	25V	50V	100V
225	2.2			
335	3.3			
475	4.7			
685	6.8			
106	10			
156	15			
226	22			

PACKAGING QUANTITY

7" Reels	400
13" Reels	1500
Waffle Pack	108



LEAD-FREE
LEAD-FREE COMPATIBLE
COMPONENT



RoHS
COMPLIANT

TS 16949, ISO 14001
Certified Manufacture

"V" CASE DIMENSIONS: millimeters (inches)

L	7.3±0.20 (0.287±0.008)
W	6.1 + 0.20 - 0.10 (0.24 + 0.008 - 0.004)
H	3.45±0.30 (0.136±0.012)
W₁	3.1±0.20 (0.120±0.008)
A	1.4 + 0.30 - 0.20 (0.055 + 0.012 - 0.008)
S Min	4.40 (0.173)

