

# 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.

### HOW TO ORDER

<b>MH</b>	<b>V</b>	<b>1</b>	<b>1</b>	<b>C</b>	<b>225</b>	<b>M</b>	<b>A</b>	<b>T</b>	<b>2</b>	<b>A</b>
<b>MH Series</b>	<b>Case Size</b> see table below	<b>MLCC Count</b>	<b>Voltage</b> 3 = 25V 5 = 50V 1 = 100V	<b>Dielectric</b> C = X7R	<b>Capacitance Code (In pF)</b> 2 Sig. Digits + Number of Zeros	<b>Capacitance Tolerance</b> K = ±10% M = ±20%	<b>Failure Rate</b> A = Not Applicable	<b>Terminations</b> T = Tin Plated	<b>Packaging</b> 2 = 7" Reel 4 = 13" Reel 6 = Waffle Pack	<b>Special Code</b> A = Std. Product

### MH X7R TARGET RANGE

	Cap $\mu$ F	25V	50V	100V
105	1.0			
125	1.2			
155	1.5			
185	1.8			
225	2.2			
275	2.7			
335	3.3			
395	3.9			
475	4.7			
565	5.6			
685	6.8			
825	8.2			
106	10			
126	12			
156	15			
186	18			
226	22			
276	27			
336	33			
396	39			
476	47			

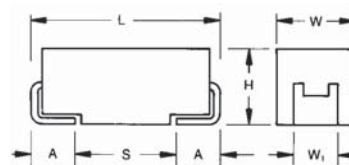
= In development, contact plant for detail

### PACKAGING

7" Reels	400
13" Reels	1500
Waffle Pack	108

### CASE DIMENSIONS: millimeters (inches)

Code	EIA Code	L±0.20 (0.008)	W+0.20 (0.008) -0.10 (0.004)	H+0.20 (0.008) -0.10 (0.004)
V	7361-38	7.30 (0.287)	6.10 (0.240)	3.45±0.30 (0.136±0.012)



NOTICE: Specifications are subject to change without notice. Contact your nearest AVX Sales Office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable, but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated or that other measures may not be required. Specifications are typical and may not apply to all applications.



TS 16949, ISO 14001  
Certified Manufacture

