

TDK MLCC Datasheet¹

TDK P/N **C1608** **X7R** **1H** **104** **K** **T** **XXXX**

1) 2) 3) 4) 5) 6) 7)

No.	Segment	Detail	Comments
1	Case Size	1.6 x 0.8 mm	See below for dimensions.
2	Temperature Characteristics	-55+125°C ±15%	Class II ; Conforms to EIA 198
3	Rated Voltage	50V	DC
4	Capacitance	100,000 pF or 0.1uF	1.0 ± 0.2 Vrms , 1kHz ± 10%
5	Capacitance Tolerance	± 10%	Conforms to IEC 384-9
6	Packaging Style	Tape and Reel, 8 mm	EIA 481 Format
7	TDK internal Code	XXXX	(Internal TDK use only)
-	Dissipation Factor (DF)	0.03 max.	1.0 ± 0.2 Vrms , 1kHz ± 10%
-	Insulation Resistance	5,000 MΩ min.	apply rated voltage for 60s

Physical Dimensions		Material System																																																										
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¹ This datasheet gives a basic overview of the multilayer ceramic capacitor as defined in the above TDK part number. A full specification (including part number construction, available capacitance ranges, packaging and caution notes) is available upon request. The information above is subject to change by TDK without any notice.