

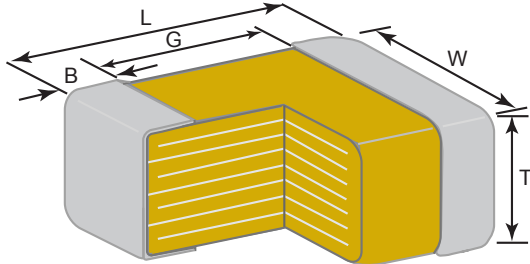
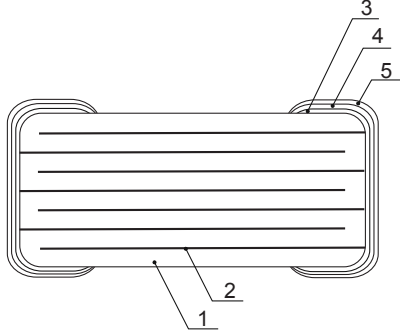
# TDK MLCC Datasheet<sup>1</sup>

TDK P/N   
 

C3216	X5R	0J	476	M	T	XXXX
1)	2)	3)	4)	5)	6)	7)

No.	Segment	Detail	Comments
1	Case Size	3.2 x 1.6 mm	See below for dimensions.
2	Temperature Characteristics	-55+85°C ± 15%	Class II ; Conforms to EIA 198
3	Rated Voltage	6.3 V	DC
4	Capacitance	47000000 pF	0.5 ± 0.2 Vrms , 120Hz ± 20%
5	Capacitance Tolerance	±20%	Conforms to IEC 384-9
6	Packaging Style	Tape and Reel	EIA 481 Format
7	TDK internal Code	XXXX	(Internal TDK use only)
-	Dissipation Factor (DF)	0.15 max.	0.5 ± 0.2 Vrms , 120Hz ± 20%
-	Insulation Resistance	2.1 MΩ min.	apply rated voltage for 60s

Condition for life : Apply rated voltage at maximum operating temperature +/-2C for 1,000+48, 0h.

Physical Dimensions	Material System																																																						
																																																							
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<sup>1</sup> 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.