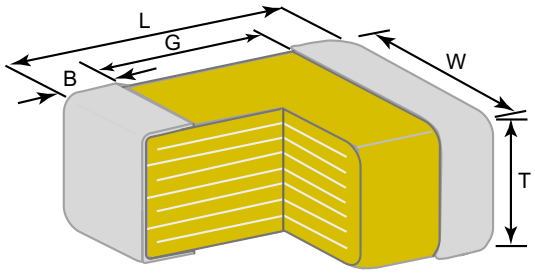
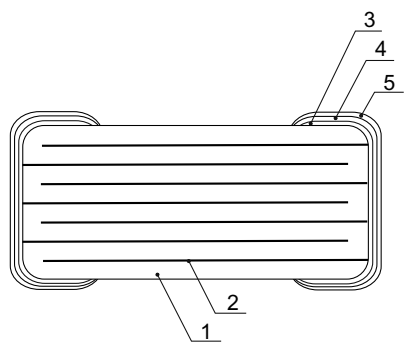


TDK MLCC Datasheet¹

TDK P/N

C1005	C0G	1H	180	J	T	XXXX
1)	2)	3)	4)	5)	6)	7)

No.	Segment	Detail	Comments
1	Case Size	1.0 x 0.5 mm	See below for dimensions.
2	Temperature Characteristics	-55+125°C 0 ± 30 ppm/ C	Class I ; Conforms to EIA 198
3	Rated Voltage	50 V	DC
4	Capacitance	18 pF	1.0 ± 0.2 Vrms , 1MHz ± 10%
5	Capacitance Tolerance	± 5%	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)
-	Quality Factor (Q)	2000 min.	1.0 ± 0.2 Vrms , 1MHz ± 10%
-	Insulation Resistance	100,000 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.