

Reference material

Date issue : Oct. 23, 2023

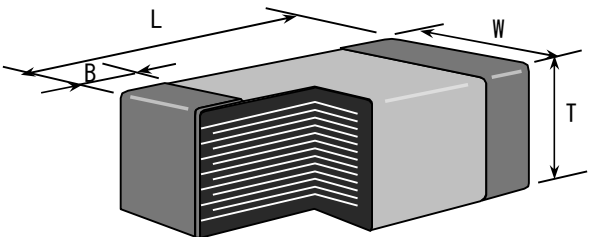
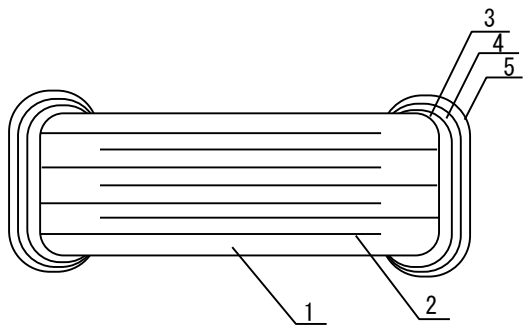
SPECIFICATION FOR TDK MULTILAYER CERAMIC CHIP CAPACITORS

Customer : KEIYO TRADING CO., LTD.

TDK P/N **C4532** **X7R** **1E** **226** **K** **T** **XXXX**
 1) 2) 3) 4) 5) 6) 7)

No.	Segment	Detail	Comments
1	Case Size	4.50 × 3.20 mm	See below for dimensions.
2	Temperature Characteristics	-55 to +125degC +/-15%	Class II : Conforms to EIA 198
3	Rated Voltage	25V	DC
4	Capacitance	22,000,000pF	0.5+/-0.2Vrms, 120Hz+/-20%
5	Capacitance Tolerance	K : +/-10%	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)	0.03 max.	0.5+/-0.2Vrms, 120Hz+/-20%
-	Insulation Resistance	22Mohm min.	apply rated voltage for 60s

Condition for life : Apply rated voltage at 125+/-2degC for 1,000+48, 0h.

Physical Dimensions		Material System		
				
Symbol	Dimensions(mm)	No.	Name	Material
L	4.50 +/- 0.40	1	Dielectric	BaTiO ₃
W	3.20 +/- 0.40	2	Electrode	Nickel (Ni)
T	2.50 +/- 0.30	3	Termination	Copper (Cu)
B	0.20 min.	4		Nickel (Ni)
		5		Tin (Sn)

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.

TDK CORPORATION
 Electronic Components Business Company
 Ceramic Capacitors Business Group