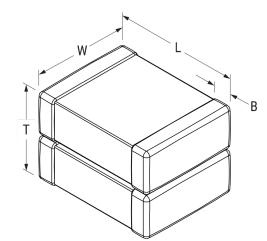


C1812C444K5GLCTU Aliases (C1812C444K5GLC7800)

KONNEKT Comm COG, Ceramic, 0.44 uF, 10%, 50 VDC, COG



Click here for the 3D model.

Dimensions	
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
Т	3.3mm +/-0.4mm
В	0.6mm +/-0.35mm

Packaging Specifications			
Packaging	T&R, 180mm, Plastic Tape		
Packaging Quantity	500		

General Information	
Series	KONNEKT Comm COG
Style	KONNEKT
Description	SMD, MLCC, KONNEKT, Ultra-Stable, Class I
Features	High Density Packaging
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	190 mg
Chip Size	1812-2
Shelf Life	78 Weeks
MSL	1

Specifications			
Capacitance	0.44 uF		
Measurement Condition	1 kHz 1.0Vrms		
Capacitance Tolerance	10%		
Voltage DC	50 VDC		
Dielectric Withstanding Voltage	125 VDC		
Temperature Range	-55/+125°C		
Temperature Coefficient	COG		
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C		
Dissipation Factor	0.1% 1 kHz 1.0Vrms		
Aging Rate	0% Loss/Decade Hour		
Insulation Resistance	1.136 GOhms		

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.