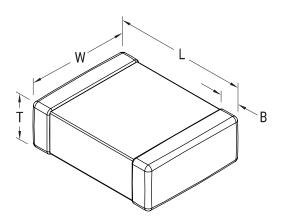
KEMET Part Number: C2220T474J5GCC



SMD COTS C0G, Ceramic, 0.47 uF, 5%, 50 VDC, C0G, SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I, 2220



Dimensions		
Chip Size	2220	
L	5.7mm +/-0.4mm	
W	5mm +/-0.4mm	
Т	1.7mm +/-0.15mm	
В	0.6mm +/-0.35mm	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1	

General Information		
Series:	SMD COTS COG	
Style:	SMD Chip	
Description:	SMD, MLCC, COTS, Ultra- Stable, Low Loss, Class I	
Features:	Ultra-Stable, Low Loss, Class I	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Failure Rate:	Testing per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition A	
AEC-Q200:	No	
Component Weight:	190 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	0.47 uF	
Measurement Condition:	1 kHz 1.0Vrms	
Capacitance Tolerance:	5%	
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, 1kHz 1.0Vrms	
Dissipation Factor:	0.1% 1 kHz 1.0Vrms	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	2.1277 GOhms	

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