

KEMET Part Number: C0402T759B3GALTU
(C0402T759B3GAL7867)

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SMD COTS COG, Ceramic, 7.5 pF, +/-0.1 pF, 25 VDC, COG, SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I, 0402




Dimensions

Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
S	0.3mm MIN
B	0.3mm +/-0.1mm

Packaging Specifications

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	10000

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:	No
Prop 65:	 WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov .
Termination:	Lead (SnPb)
Marking:	No
Failure Rate:	Testing per MIL-PRF-55681 PDA 8%
AEC-Q200:	No
Component Weight:	1060 ug
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	7.5 pF
Measurement Condition:	1 MHz 1.0Vrms
Capacitance Tolerance:	+/-0.1 pF
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	30 ppm/C, 1MegaHz 1.0Vrms
Dissipation Factor:	0.1% 1 MHz 1.0Vrms
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms

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