

**KEMET Part Number: CAN06X511GAGACTU**  
(CAN06X511GAGAC7867)

CAN SMD Indust 250, Ceramic, 510 pF, 2%, COG, SMD Chip, MLCC, AC Rated, 0603



General Information	
Series:	CAN SMD Indust 250
Style:	SMD Chip
Description:	SMD Chip, MLCC, AC Rated
Features:	Temperature Stable, Class I
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
AEC-Q200:	No
MSL:	1

Dimensions	
Chip Size	0603
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.58mm MIN
B	0.45mm +/-0.15mm

Packaging Specifications	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

Specifications	
Capacitance:	510 pF
Measurement Condition:	1 MHz 1.0Vrms
Capacitance Tolerance:	2%
Voltage AC:	250 VAC
Dielectric Withstanding Voltage:	945 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1MegaHz 1.0Vrms
Dissipation Factor:	0.1% 1 MHz 1.0Vrms
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	10 GOhms

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