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General Information

Series	CAN SMD Indust 250
Style	SMD Chip
Description	SMD Chip, MLCC, AC Rated
Features	Temperature Stable, Class I
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	87 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

Chip Size	1812
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
T	2.5mm +/-0.20mm
S	2.3mm MIN
B	0.6mm +/-0.35mm

Packaging Specifications

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

Specifications

Capacitance	0.047 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage AC	250 VAC
Dielectric Withstanding Voltage	945 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	10 GOhms

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