

CAN06C102KARACTU

Aliases (CAN06C102KARAC7867)

CAN SMD Indust 250, Ceramic, 1,000 pF, 10%, X7R, SMD Chip, MLCC, AC Rated, 0603, 0.5 mm



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General Information

Series	CAN SMD Indust 250
Style	SMD Chip
Description	SMD Chip, MLCC, AC Rated
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	6.5 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.5mm MIN
B	0.35mm +/-0.15mm

Packaging Specifications

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

Specifications

Capacitance	1,000 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage AC	250 VAC
Dielectric Withstanding Voltage	945 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	10 GOhms

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