KEMET Part Number: CAN06X102JARACTU

(CAN06X102JARAC7867)



CAN SMD Indust 250, Ceramic, 1000 pF, 5%, X7R, SMD Chip, MLCC, AC Rated, 0603



| Dimensions | | |
|------------|------------------|--|
| Chip Size | 0603 | |
| L | 1.6mm +/-0.17mm | |
| W | 0.8mm +/-0.15mm | |
| Т | 0.8mm +/-0.10mm | |
| S | 0.58mm MIN | |
| В | 0.45mm +/-0.15mm | |

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

| General Information | | |
|---------------------|---|--|
| Series: | CAN SMD Indust 250 | |
| Style: | SMD Chip | |
| Description: | SMD Chip, MLCC, AC Rated | |
| Features: | Temperature Stable, Class II | |
| RoHS: | Yes | |
| Termination: | Flexible Termination | |
| Marking: | No | |
| AEC-Q200: | No | |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours. | |
| MSL: | 1 | |

| Specifications | |
|---|---------------------|
| Capacitance: | 1000 pF |
| Measurement Condition: | 1 kHz 1.0Vrms |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 250 VAC |
| Dielectric Withstanding Voltage: | 945 VDC |
| Temperature Range: | -55/+125°C |
| Temperature 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 |
| Insulation Resistance: | 10 GOhms |

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