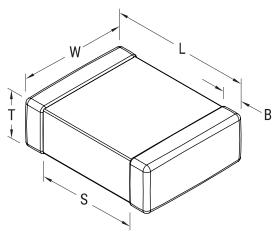


CANO6C102KARACTU

Aliases (CAN06C102KARAC7867) CAN SMD Indust 250, Ceramic, 1,000 pF, 10%, X7R, SMD Chip, MLCC, AC Rated, 0603, 0.5 mm



| Click | here | for | the | 3D | model | ı |
|-------|------|-----|-----|------------|-------|----|
| CIICK | Hele | 101 | uie | $^{\circ}$ | model | ı. |

| Dimensions | |
|------------|------------------|
| Chip Size | 0603 |
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| Т | 0.8mm +/-0.10mm |
| S | 0.5mm MIN |
| В | 0.35mm +/-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 | Tin |
| Marking | No |
| AEC-Q200 | No |
| Typical Component Weight | 6.5 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| 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 1.0 Vrms | |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours | |
| Insulation Resistance | 10 GOhms | |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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