

**KEMET Part Number: CAN06X181GAGACTU**  
(CAN06X181GAGAC7867)

CAN SMD Indust 250, Ceramic, 180 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:  | 180 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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