## **KEMET Part Number: CAN06C561GAGACTU**

(CAN06C561GAGAC7867)



CAN SMD Indust 250, Ceramic, 560 pF, 2%, C0G, SMD Chip, MLCC, AC Rated, 0603



| Dimensions |                  |  |
|------------|------------------|--|
| Chip Size  | 0603             |  |
| L          | 1.6mm +/-0.15mm  |  |
| W          | 0.8mm +/-0.15mm  |  |
| Т          | 0.8mm +/-0.10mm  |  |
| S          | 0.7mm 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 I |  |
| RoHS:               | Yes                         |  |
| Termination:        | Tin                         |  |
| Marking:            | No                          |  |
| AEC-Q200:           | No                          |  |
| MSL:                | 1                           |  |

| Specifications  |                      |  |
|---|----------------------|--|
| Capacitance:  | 560 pF               |  |
| Measurement Condition:  | 1 MHz 1.0Vrms        |  |
| Capacitance Tolerance:  | 2%                   |  |
| Voltage AC:   | 250 VAC              |  |
| Dielectric Withstanding<br>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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