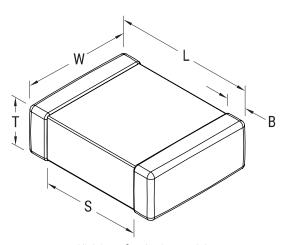


## CANO6C681KAGACTU

Aliases (CANO6C681KAGAC7867) CAN SMD Indust 250, Ceramic, 680 pF, 10%, COG, SMD Chip, MLCC, AC Rated, 0603, 0.5 mm



| Click h | nere f | for tl | ne 3D | model. |
|---------|--------|--------|-------|--------|
|---------|--------|--------|-------|--------|

| 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 I |
| RoHS                     | Yes                         |
| Termination              | Tin                         |
| Marking                  | No                          |
| AEC-Q200                 | No                          |
| Typical Component Weight | 4.6 mg                      |
| Shelf Life               | 78 Weeks                    |
| MSL                      | 1                           |

| Specifications   |                      |
|--|----------------------|
| Capacitance  | 680 pF               |
| Measurement Condition  | 1 MHz 1.0Vrms        |
| Tolerance  | 10%                  |
| Voltage AC   | 250 VAC              |
| Dielectric Withstanding Voltage  | 945 VDC              |
| Temperature Range  | -55/+125°C           |
| Temp. Coefficient  | COG                  |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>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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