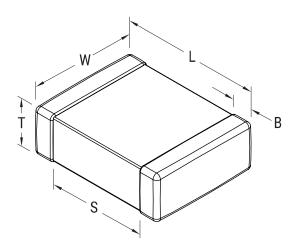


CAN21C683GAGAC7210

CAN SMD Indust 250, Ceramic, 0.068 uF, 2%, COG, SMD Chip, MLCC, AC Rated, 2220, 3.5 mm



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 2220            |
| L          | 5.7mm +/-0.4mm  |
| W          | 5mm +/-0.4mm    |
| т          | 2mm +/-0.20mm   |
| S          | 3.5mm MIN       |
| В          | 0.6mm +/-0.35mm |
|            |                 |

## **Packaging Specifications**

PackagingT&R, 330mm, Plastic TapePackaging Quantity2000

| 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 | 260 mg                      |
| Shelf Life               | 78 Weeks                    |
| MSL                      | 1                           |

| Specifications   |                     |
|--|---------------------|
| Capacitance  | 0.068 uF            |
| Measurement Condition  | 1 kHz 1.0Vrms       |
| Tolerance  | 2%                  |
| 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%, 1kHz 1.0Vrms   |
| Dissipation Factor   | 0.1% 1 kHz 1.0Vrms  |
| Aging Rate   | 0% Loss/Decade Hour |
| Insulation Resistance  | 10 GOhms            |

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