

## CAN21X683GAGACTU

Aliases (CAN21X683GAGAC7800)

CAN SMD Indust 250, Ceramic, 0.068 uF, 2%, 250 VAC, 250 VAC, COG, SMD Chip, MLCC, AC Rated, 3.5 mm, 2220 / 5651



Click [here](#) for the 3D model.

### 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                          |
| Typical Component Weight | 260 mg                      |
| Shelf Life               | 78 Weeks                    |
| MSL                      | 1                           |

### Dimensions

|                      |                 |
|----------------------|-----------------|
| L                    | 5.9mm +/-0.75mm |
| W                    | 5mm +/-0.4mm    |
| T                    | 2mm +/-0.20mm   |
| S                    | 3.5mm MIN       |
| B                    | 0.7mm +/-0.35mm |
| Case Code (EIA / mm) | 2220 / 5651     |

### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 500                      |

### 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 Reference to +25°C and 0 VDC 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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