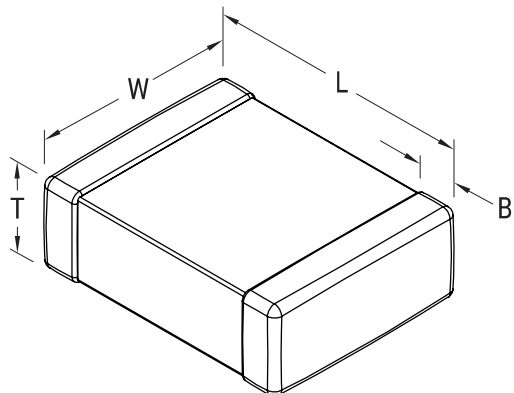


**KEMET Part Number: CAN18X222JAGACTU**  
(CAN18X222JAGAC7800)



CAN SMD Indust 250, Ceramic, 2200 pF, 5%, COG, SMD Chip, MLCC, AC Rated, 1812



**Dimensions**

|                  |                 |
|------------------|-----------------|
| <b>Chip Size</b> | 1812            |
| <b>L</b>         | 4.5mm +/-0.4mm  |
| <b>W</b>         | 3.2mm +/-0.3mm  |
| <b>T</b>         | 1.4mm +/-0.15mm |
| <b>B</b>         | 0.7mm +/-0.35mm |

**Packaging Specifications**

|                            |                        |
|----------------------------|------------------------|
| <b>Packaging:</b>          | T&R, 180mm, Paper Tape |
| <b>Packaging Quantity:</b> | 1000                   |

**General Information**

|                     |                             |
|---------------------|-----------------------------|
| <b>Series:</b>      | CAN SMD Indust 250          |
| <b>Style:</b>       | SMD Chip                    |
| <b>Description:</b> | SMD Chip, MLCC, AC Rated    |
| <b>Features:</b>    | Temperature Stable, Class I |
| <b>RoHS:</b>        | Yes                         |
| <b>Termination:</b> | Flexible Termination        |
| <b>Marking:</b>     | No                          |
| <b>AEC-Q200:</b>    | No                          |
| <b>MSL:</b>         | 1                           |

**Specifications**

|                                                                            |                     |
|----------------------------------------------------------------------------|---------------------|
| <b>Capacitance:</b>                                                        | 2200 pF             |
| <b>Measurement Condition:</b>                                              | 1 kHz 1.0Vrms       |
| <b>Capacitance Tolerance:</b>                                              | 5%                  |
| <b>Voltage AC:</b>                                                         | 250 VAC             |
| <b>Dielectric Withstanding Voltage:</b>                                    | 945 VDC             |
| <b>Temperature Range:</b>                                                  | -55/+125°C          |
| <b>Temperature Coefficient:</b>                                            | COG                 |
| <b>Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):</b> | 15%, 1kHz 1.0Vrms   |
| <b>Dissipation Factor:</b>                                                 | 0.1% 1 kHz 1.0Vrms  |
| <b>Aging Rate:</b>                                                         | 0% Loss/Decade Hour |
| <b>Insulation Resistance:</b>                                              | 10 GOhms            |

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