

**KEMET Part Number: CAN21X823JAGACTU**  
(CAN21X823JAGAC7800)

CAN SMD Indust 250, Ceramic, 0.082 uF, 5%, COG, SMD Chip, MLCC, AC Rated, 2220



| 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                          |
| AEC-Q200:           | No                          |
| MSL:                | 1                           |

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 2220            |
| L          | 5.9mm +/-0.75mm |
| W          | 5mm +/-0.4mm    |
| T          | 2mm +/-0.20mm   |
| B          | 0.7mm +/-0.35mm |

| Packaging Specifications |                        |
|--------------------------|------------------------|
| Packaging:               | T&R, 180mm, Paper Tape |
| Packaging Quantity:      | 500                    |

| Specifications  |                     |
|---|---------------------|
| Capacitance:  | 0.082 uF            |
| Measurement Condition:  | 1 kHz 1.0Vrms       |
| Capacitance Tolerance:  | 5%                  |
| Voltage AC:   | 250 VAC             |
| Dielectric Withstanding Voltage:                                    | 945 VDC             |
| Temperature Range:  | -55/+125°C          |
| Temperature 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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