## **KEMET Part Number: CAN22X823MAGAC7210**



## CAN SMD Indust 250, Ceramic, 0.082 uF, 20%, C0G, SMD Chip, MLCC, AC Rated, 2225



| Dimensions |                 |  |
|------------|-----------------|--|
| Chip Size  | 2225            |  |
| L          | 5.9mm +/-0.75mm |  |
| W          | 6.4mm +/-0.4mm  |  |
| Т          | 2mm +/-0.20mm   |  |
| В          | 0.7mm +/-0.35mm |  |

| Packaging Specifications |                        |  |
|--------------------------|------------------------|--|
| Packaging:               | T&R, 330mm, Paper Tape |  |
| Packaging Quantity:      | 2000                   |  |

| 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                           |  |

| Specifications  |                     |  |
|---|---------------------|--|
| Capacitance:  | 0.082 uF            |  |
| Measurement Condition:  | 1 kHz 1.0Vrms       |  |
| Capacitance Tolerance:  | 20%                 |  |
| Voltage AC:   | 250 VAC             |  |
| Dielectric Withstanding<br>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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