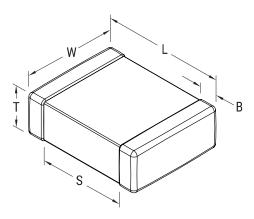
## KEMET Part Number: C0805X473J3GECAUTO7210



ESD SMD Auto C0G, Ceramic, 0.047 uF, 5%, 25 VDC, C0G, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0805



| Dimensions |                  |  |
|------------|------------------|--|
| Chip Size  | 0805             |  |
| L          | 2mm +/-0.3mm     |  |
| W          | 1.25mm +/-0.3mm  |  |
| Т          | 1.25mm +/-0.15mm |  |
| S          | 0.75mm MIN       |  |
| В          | 0.5mm +/-0.25mm  |  |

| Packaging Specifications |                          |  |
|--------------------------|--------------------------|--|
| Packaging:               | T&R, 330mm, Plastic Tape |  |
| Packaging Quantity:      | 10000                    |  |

| General Information |   |  |
|---------------------|---|--|
| Series:             | ESD SMD Auto C0G  |  |
| Style:              | SMD Chip  |  |
| Description:        | SMD, MLCC, Temperature<br>Stable, Electro Static Discharge,<br>Automotive Grade |  |
| Features:           | Temperature Stable, Automotive Grade  |  |
| RoHS:               | Yes   |  |
| Termination:        | Flexible Termination  |  |
| Marking:            | No  |  |
| Qualifications:     | AEC-Q200  |  |
| AEC-Q200:           | Yes   |  |
| Component Weight:   | 14 mg   |  |
| Shelf Life:         | 78 Weeks  |  |
| MSL:                | 1   |  |

| Specifications  |                        |  |
|---|------------------------|--|
| Capacitance:  | 0.047 uF               |  |
| Measurement Condition:  | 1 kHz 1.0Vrms          |  |
| Capacitance Tolerance:  | 5%                     |  |
| Voltage DC:   | 25 VDC                 |  |
| ESD Level per AEC-Q200:   | 25,000 V ESD Level     |  |
| Dielectric Withstanding<br>Voltage:                                 | 62.5 VDC               |  |
| Temperature Range:  | -55/+125°C             |  |
| Temperature Coefficient:  | COG                    |  |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | 30 ppm/C, 1kHz 1.0Vrms |  |
| Dissipation Factor:   | 0.1% 1 kHz 1.0Vrms     |  |
| Aging Rate:   | 0% Loss/Decade Hour    |  |
| Insulation Resistance:  | 21.2766 GOhms          |  |

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