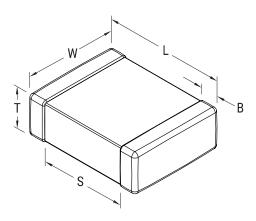
KEMET Part Number: CAS17C829DAGFC



CAS SMD SFTY 250, Ceramic, 8.2 pF, +/-0.5 pF, C0G, Industrial Grade, Safety MLCC, X1/Y2, 1808



| Dimensions | | |
|------------|-------------------|--|
| Chip Size | 1808 | |
| L | 4.5mm +0.5/-0.3mm | |
| W | 2.03mm +/-0.25mm | |
| Т | 1.4mm +/-0.15mm | |
| S | 3.5mm MIN | |
| В | 0.5mm +/-0.25mm | |

| Packaging Specifications | | |
|--------------------------|------|--|
| Packaging: | T&R | |
| Packaging Quantity: | 2000 | |

| General Information | | |
|---------------------|-------------------------------|--|
| Series: | CAS SMD SFTY 250 | |
| Style: | SMD Chip | |
| Description: | Industrial Grade, Safety MLCC | |
| RoHS: | Yes | |
| Termination: | Tin | |
| Safety Class: | X1/Y2 | |
| AEC-Q200: | No | |
| Halogen Free: | Yes | |

| Specifications | |
|---|----------------------------|
| Capacitance: | 8.2 pF |
| Measurement Condition: | 1 MHz 1Vrms |
| Capacitance Tolerance: | +/-0.5 pF |
| Voltage AC: | 250 VAC (X1), 250 VAC (Y2) |
| 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 |
| Insulation Resistance: | 100 GOhms |
| Quality Factor: | 564 |

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