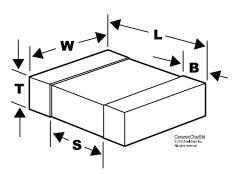
KEMET Part Number: C0402C223K5RACTU

(C0402C223K5RAC7867)



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 0.022 uF, +/-10% Tol, 50 V, X7R, 0402 (1005 metric)



| General Information | |
|--------------------------|--|
| Supplier: | KEMET |
| Application: | Standard Chip |
| Chip Size: | 0402 (1005 metric) |
| Temperature Coefficient: | X7R |
| Part Type Description: | SMD, MLCC, Temperature Stable, Class II |
| Termination Type: | Tin (Sn) |
| Marked: | No |
| RoHS: | Yes |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 1 | +/-0.05 |
| W | 0.5 | +/-0.05 |
| Т | 0.5 | +/-0.05 |
| В | 0.3 | +/-0.1 |
| S | 0.3 | MIN |

| Packaging Specifications | | |
|--------------------------|-------------|--|
| Package Kind: | T&R | |
| Package Size: | 7 in/180 mm | |
| Package Type: | Paper Tape | |
| Package Quantity: | 10000 | |

| Specifications | | |
|------------------------|--|--|
| Capacitance: | 0.022 uF | |
| Voltage: | 50 V | |
| Tolerance: | +/-10% | |
| Temperature Range: | -55/+125C | |
| Dissipation Factor: | 2.5% | |
| Failure Rate: | N/A | |
| Aging Rate: | 3% loss/decade hour | |
| Insulation Resistance: | 10 GOhm | |
| Dielectric Strength: | 125 V | |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours | |

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