

KEMET Part Number: C0402C222K3RACTU
(C0402C222K3RAC7867)

The Capacitance Company
25-05104 KEMET
CHARGED.®

Capacitor, ceramic, SMD, Fixed, Temperature Stable, Class II, 2200 pF, +/-10% Tol, 25V, X7R, 0402



| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 1.00 | +/-0.05 |
| W | 0.50 | +/-0.05 |
| T | 0.5 | +/-0.05 |
| B | 0.30 | +/-0.1 |
| S | 0.3 | min |

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

| General Information | |
|---------------------------|--|
| Manufacturer: | KEMET |
| Part Type Description: | SMD, Fixed, Temperature Stable, Class II |
| Miscellaneous Electrical: | Note: Referee time for X7R dielectric for this part number is 1000 hours |

| Specifications | |
|--------------------------|---------------|
| Capacitance: | 2200 pF |
| Chip Size: | 0402 |
| Voltage: | 25V |
| Temperature Coefficient: | X7R |
| Tolerance: | +/-10% |
| Application: | Standard Chip |
| Termination Type: | Tin |
| Marked: | No |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 3.5% |
| Insulation Resistance: | 100 GOhm |
| Dielectric Strength: | 62.5V |

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