

KEMET Part Number: C1206C105K5RACTU
(C1206C105K5RAC7800)

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 1 uF, +/-10% Tol, 50V, X7R, 1206



| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 3.20 | +/-0.20 |
| W | 1.60 | +/-0.20 |
| T | 1.00 | +/-0.10 |
| B | 0.50 | +/-0.25 |

| Packaging Specifications | |
|--------------------------|--------------|
| Package Kind: | T&R |
| Package Size: | 7in |
| Package Type: | Plastic Tape |
| Package Quantity: | 2500 |

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

| Specifications | |
|--------------------------|---------------|
| Capacitance: | 1 uF |
| Chip Size: | 1206 |
| Voltage: | 50V |
| Temperature Coefficient: | X7R |
| Tolerance: | +/-10% |
| Application: | Standard Chip |
| Termination Type: | Tin |
| Marked: | No |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 2.5% |
| Insulation Resistance: | 500 MOhm |
| Dielectric Strength: | 125V |