

KEMET Part Number: C0805C153J1HACTU
(C0805C153J1HAC7800)

Capacitor, Ceramic, SMD, MLCC, High Temperature, Ultra-Stable, 0.015 uF, +/-5% Tol, 100V, X8R, 0805 (2012 metric)



| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 2.00 | +/-0.20 |
| W | 1.25 | +/-0.20 |
| T | 1.25 | +/-0.15 |
| B | 0.50 | +/-0.25 |
| S | 0.75 | MIN |

| 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, High Temperature, Ultra-Stable |
| Miscellaneous Electrical: | Note: Referee time for X8R dielectric for this part number is 1000 hours |

| Specifications | |
|--------------------------|---------------------|
| Capacitance: | 0.015 uF |
| Chip Size: | 0805 (2012 metric) |
| Voltage: | 100V |
| Temperature Coefficient: | X8R |
| Tolerance: | +/-5% |
| Application: | Standard Chip |
| Termination Type: | Tin (Sn) |
| Marked: | No |
| Temperature Range: | -55/+150C |
| Dissipation Factor: | 2.5% |
| Aging Rate: | 0% loss/decade hour |
| Insulation Resistance: | 6.67 GOhm |
| Dielectric Strength: | 250V |