

KEMET Part Number: C0805C475Z8VACTU
(C0805C475Z8VAC7800)

Capacitor, Ceramic, SMD, MLCC, General Purpose, Class III, 4.7 uF, -20/+80% Tol, 10 V, Y5V, 0805 (2012 metric)



| General Information | |
|--------------------------|---------------------------------------|
| Supplier: | KEMET |
| Application: | Standard Chip |
| Chip Size: | 0805 (2012 metric) |
| Temperature Coefficient: | Y5V |
| Part Type Description: | SMD, MLCC, General Purpose, Class III |
| Termination Type: | Tin (Sn) |
| Marked: | No |
| RoHS: | Yes |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 2 | +/-0.2 |
| W | 1.25 | +/-0.2 |
| T | 1.25 | +/-0.15 |
| B | 0.5 | +/-0.25 |
| S | 0.75 | MIN |

| Specifications | |
|------------------------|--|
| Capacitance: | 4.7 uF |
| Voltage: | 10 V |
| Tolerance: | -20/+80% |
| Temperature Range: | -30/+85C |
| Dissipation Factor: | 10% |
| Failure Rate: | N/A |
| Aging Rate: | 7% loss/decade hour |
| Insulation Resistance: | 11 MOhm |
| Dielectric Strength: | 25 V |
| Miscellaneous: | Note: Referee time for Y5V dielectric for this part number is 48 hours |

| Packaging Specifications | |
|--------------------------|--------------|
| Package Kind: | T&R |
| Package Size: | 7 in/180 mm |
| Package Type: | Plastic Tape |
| Package Quantity: | 2500 |