

KEMET Part Number: C0603C105Z8VACTU
(C0603C105Z8VAC7867)

Capacitor, Ceramic, SMD, MLCC, General Purpose, Class III, 1 uF, -20/+80% Tol, 10 V, Y5V, 0603 (1608 metric)



| General Information | |
|--------------------------|---------------------------------------|
| Supplier: | KEMET |
| Application: | Standard Chip |
| Chip Size: | 0603 (1608 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 | 1.6 | +/-0.15 |
| W | 0.8 | +/-0.15 |
| T | 0.8 | +/-0.10 |
| B | 0.35 | +/-0.15 |
| S | 0.7 | MIN |

| Specifications | |
|------------------------|--|
| Capacitance: | 1 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: | 50 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: | Paper Tape |
| Package Quantity: | 4000 |