

KEMET Part Number: C0603C105Z8VACTU
(C0603C105Z8VAC7867)

Ceramic, Commercial-(CxxxxC), 1 uF, -20/+80%, 10 V, 0603, Y5V, SMD, MLCC, General Purpose, Class III



| Dimensions | |
|------------|------------------|
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| T | 0.8mm +/-0.10mm |
| S | 0.7mm MIN |
| B | 0.35mm +/-0.15mm |

| Packaging Specifications | |
|--------------------------|------------------------|
| Packaging: | T&R, 180mm, Paper Tape |
| Packaging Quantity: | 4000 |

| General Information | |
|---------------------|--|
| Style: | SMD Chip |
| Series: | Commercial-(CxxxxC) |
| Chip Size: | 0603 |
| Description: | SMD, MLCC, General Purpose, Class III |
| Features: | Class III |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Failure Rate: | N/A |
| Miscellaneous: | Note: Referee time for Y5V dielectric for this part number is 48 hours |

| Specifications | |
|----------------------------------|---------------------|
| Capacitance: | 1 uF |
| Capacitance Tolerance: | -20/+80% |
| Voltage DC: | 10 VDC |
| Dielectric Withstanding Voltage: | 25 V |
| Temperature Range: | -30/+85C |
| Temperature Coefficient: | Y5V |
| Dissipation Factor: | 10% |
| Aging Rate: | 7% Loss/Decade Hour |
| Insulation Resistance: | 50 MOhms |