

KEMET Part Number: C0805C155Z4VACTU
(C0805C155Z4VAC7800)

SMD Comm Y5V, Ceramic, 1.5 uF, -20/+80%, 16 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0805



Dimensions

| Dimension | Value |
|-----------|------------------|
| L | 2mm +/-0.2mm |
| W | 1.25mm +/-0.2mm |
| T | 0.78mm +/-0.10mm |
| S | 0.75mm MIN |
| B | 0.5mm +/-0.25mm |

Packaging Specifications

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

General Information

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|-----------------------|--|
| Supplier: | KEMET |
| Series: | SMD Comm Y5V |
| Style: | SMD Chip |
| Description: | SMD, MLCC, General Purpose, Class III |
| Features: | Class III |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Miscellaneous: | Note: Referee time for Y5V dielectric for this part number is 1000 hours |
| Chip Size: | 0805 |

Specifications

| | |
|---|---------------------|
| Capacitance: | 1.5 uF |
| Capacitance Tolerance: | -20/+80% |
| Voltage DC: | 16 VDC |
| Dielectric Withstanding Voltage: | 40 V |
| Temperature Range: | -30/+85C |
| Temperature Coefficient: | Y5V |
| Dissipation Factor: | 7.00% 120Hz 25C |
| Aging Rate: | 7% Loss/Decade Hour |
| Insulation Resistance: | 67 MOhms |