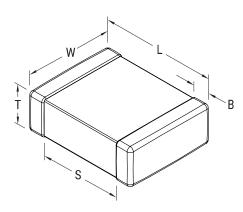
## KEMET Part Number: C0805C106Z8VACTU

(C0805C106Z8VAC7800)



## SMD Comm Y5V, Ceramic, 10 uF, -20/+80%, 10 V, Y5V, SMD, MLCC, General Purpose, Class III, 0805



| Dimensions |                  |
|------------|------------------|
| L          | 2mm +/-0.2mm     |
| W          | 1.25mm +/-0.2mm  |
| Т          | 1.25mm +/-0.15mm |
| S          | 0.75mm MIN       |
| В          | 0.5mm +/-0.25mm  |

| Packaging Specifications |                          |  |
|--------------------------|--------------------------|--|
| Packaging:               | T&R, 180mm, Plastic Tape |  |
| Packaging Quantity:      | 2500                     |  |

| General Information |  |  |
|---------------------|--|--|
| Supplier:           | KEMET  |  |
| Series:             | SMD Comm Y5V   |  |
| Style:              | SMD Chip   |  |
| Description:        | SMD, MLCC, General Purpose,<br>Class III                                     |  |
| Features:           | Class III  |  |
| RoHS:               | Yes  |  |
| Termination:        | Tin  |  |
| Marking:            | No   |  |
| Failure Rate:       | N/A  |  |
| Miscellaneous:      | Note: Referee time for Y5V<br>dielectric for this part number is<br>48 hours |  |
| Chip Size:          | 0805   |  |
| Shelf Life:         | 78 Weeks   |  |
| MSL:                | 1  |  |

| Specifications                      |                     |  |
|-------------------------------------|---------------------|--|
| Capacitance:                        | 10 uF               |  |
| Capacitance Tolerance:              | -20/+80%            |  |
| Voltage DC:                         | 10 VDC              |  |
| Dielectric Withstanding<br>Voltage: | 25 V                |  |
| Temperature Range:                  | -30/+85C            |  |
| Temperature Coefficient:            | Y5V                 |  |
| Dissipation Factor:                 | 10% 120Hz 25C       |  |
| Aging Rate:                         | 7% Loss/Decade Hour |  |
| Insulation Resistance:              | 5 MOhms             |  |

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