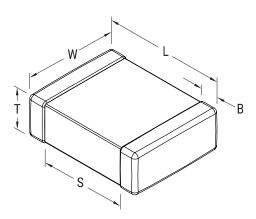
KEMET Part Number: C0402C104Z8VACTU

(C0402C104Z8VAC7867)



SMD Comm Y5V, Ceramic, 0.1 uF, -20/+80%, 10 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0402



| Dimensions | | |
|------------|-----------------|--|
| L | 1mm +/-0.05mm | |
| W | 0.5mm +/-0.05mm | |
| Т | 0.5mm +/-0.05mm | |
| S | 0.3mm MIN | |
| В | 0.3mm +/-0.1mm | |

| Packaging Specifications | | |
|--------------------------|------------------------|--|
| Packaging: | T&R, 180mm, Paper Tape | |
| Packaging Quantity: | 10000 | |

| General Information | | |
|---------------------|--|--|
| Series: | SMD Comm Y5V | |
| Style: | SMD Chip | |
| Description: | SMD, MLCC, General Purpose, Class III | |
| Features: | Class III | |
| RoHS: | Yes | |
| Termination: | Tin | |
| Marking: | No | |
| AEC-Q200: | No | |
| Miscellaneous: | Note: Referee time for Y5V dielectric for this part number is 48 hours | |
| Chip Size: | 0402 | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | | |
|---|-------------------------|--|
| Capacitance: | 100000 pF, 1kHz 1.0Vrms | |
| Capacitance Tolerance: | -20/+80% | |
| Voltage DC: | 10 VDC | |
| Dielectric Withstanding Voltage: | 25 VDC | |
| Temperature Range: | -30/+85°C | |
| Temperature Coefficient: | Y5V | |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | +22%/-82%, 1kHz 1.0Vrms | |
| Dissipation Factor: | 10.00% 1kHz 1.0Vrms | |
| Aging Rate: | 7% Loss/Decade Hour | |
| Insulation Resistance: | 500 MOhms | |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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