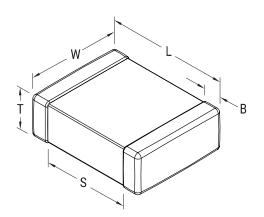
KEMET Part Number: C0402C104M8PACTU

(C0402C104M8PAC7867)



SMD Comm X5R, Ceramic, 0.1 uF, 20%, 10 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 0402



| Dimensions | | |
|------------|-----------------|--|
| Chip Size | 0402 | |
| 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 X5R | |
| Style: | SMD Chip | |
| Description: | SMD, MLCC, Temperature Stable, Class II | |
| Features: | Temperature Stable, Class II | |
| RoHS: | Yes | |
| Termination: | Tin | |
| Marking: | No | |
| AEC-Q200: | No | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | |
|---|--|
| Capacitance: | 0.1 uF |
| Measurement Condition: | 1 kHz 1.0Vrms |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 10 VDC |
| Dielectric Withstanding Voltage: | 25 VDC |
| Temperature Range: | -55/+85°C |
| Temperature Coefficient: | X5R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | 15%, 1kHz 1.0Vrms |
| Dissipation Factor: | 5% 1 kHz 1.0Vrms |
| Aging Rate: | 5% Loss/Decade Hour: Referee Time is 48 Hours |
| Insulation Resistance: | 5 GOhms |

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