KEMET Part Number: C0603C106M9PACTU

(C0603C106M9PAC7867)



SMD Comm X5R, Ceramic, 10 uF, 20%, 6.3 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 0603



| Dimensions | | |
|------------|------------------|--|
| L | 1.6mm +/-0.2mm | |
| W | 0.8mm +/-0.2mm | |
| Т | 0.8mm +/-0.10mm | |
| S | 0.7mm MIN | |
| В | 0.35mm +/-0.15mm | |

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

| General Information | |
|---------------------|--|
| Supplier: | KEMET |
| 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 |
| Miscellaneous: | Note: Referee time for X5R dielectric for this part number is 48 hours |
| Chip Size: | 0603 |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 10 uF | |
| Capacitance Tolerance: | 20% | |
| Voltage DC: | 6.3 VDC | |
| Dielectric Withstanding Voltage: | 15.75 VDC | |
| Temperature Range: | -55/+85C | |
| Temperature Coefficient: | X5R | |
| Dissipation Factor: | 10.00% 1kHz 25C | |
| Aging Rate: | 5% Loss/Decade Hour | |
| Insulation Resistance: | 10 MOhms | |

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