KEMET Part Number: C1825C684KARACTU

(C1825C684KARAC7800)



SMD Comm X7R Tip-Ring, Ceramic, 0.68 uF, 10%, 250 VDC, X7R, SMD, MLCC, Temperature Stable, Tin Termination, 1825



| Dimensions | | |
|------------|-----------------|--|
| L | 4.5mm +/-0.3mm | |
| W | 6.4mm +/-0.4mm | |
| Т | 1.3mm +/-0.15mm | |
| В | 0.6mm +/-0.35mm | |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 1000 |

| General Information | |
|---------------------|--|
| Supplier: | KEMET |
| Series: | SMD Comm X7R Tip-Ring |
| Style: | SMD Chip |
| Description: | SMD, MLCC, Temperature Stable, Tin Termination |
| Features: | Tin Termination |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours |
| Chip Size: | 1825 |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 0.68 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 250 VDC | |
| Dielectric Withstanding Voltage: | 625 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 2.50% 1kHz 25C | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 1.471 GOhms | |

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