KEMET Part Number: C1812C335M5RACTU

(C1812C335M5RAC7800)



SMD Comm X7R, Ceramic, 3.3 uF, 20%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 1812



| Dimensions | | |
|------------|-----------------|--|
| L | 4.5mm +/-0.3mm | |
| W | 3.2mm +/-0.3mm | |
| Т | 1.9mm +/-0.20mm | |
| В | 0.6mm +/-0.35mm | |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 500 |

| General Information | |
|---------------------|--|
| Supplier: | KEMET |
| Series: | SMD Comm X7R |
| 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 X7R dielectric for this part number is 1000 hours |
| Chip Size: | 1812 |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 3.3 uF | |
| Capacitance Tolerance: | 20% | |
| Voltage DC: | 50 VDC | |
| Dielectric Withstanding Voltage: | 125 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 2.50% 1kHz 25C | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 152 MOhms | |

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