

C1210X683KCRACTU

Aliases (C1210X683KCRAC7800)

SMD Comm X7R HV Flex, Ceramic, 0.068 uF, 10%, 500 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1210



Click [here](#) for the 3D model.

| Dimensions | |
|------------|------------------|
| Chip Size | 1210 |
| L | 3.3mm +/-0.4mm |
| W | 2.6mm +/-0.3mm |
| T | 1.25mm +/-0.20mm |
| B | 0.6mm +/-0.25mm |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 2500 |

| General Information | |
|---------------------|---------------------------------------|
| Series | SMD Comm X7R HV Flex |
| Style | SMD Chip |
| Description | SMD, MLCC, FT-CAP, Temperature Stable |
| Features | FT-CAP, Temperature Stable |
| RoHS | Yes |
| Termination | Flexible Termination |
| Marking | No |
| AEC-Q200 | No |
| Component Weight | 65 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|--|---|
| Capacitance | 0.068 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 500 VDC |
| Dielectric Withstanding Voltage | 750 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 2.5% 1kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 1.4706 GOhms |

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