

C1210S564K9RACTU

Aliases (C1210S564K9RAC7800)

SMD Comm X7R FE, Ceramic, 0.56 uF, 10%, 6.3 VDC, X7R, SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable, 1210 / 3225



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

General Information

| | |
|--------------------------|-----------------------------------------------------------|
| Series | SMD Comm X7R FE |
| Style | SMD Chip |
| Description | SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable |
| Features | FE-CAP, Floating Electrode, Temperature Stable |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| Typical Component Weight | 85 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

Specifications

| | |
|--------------------------------------------------------------------|-------------------------------------------------|
| Capacitance | 0.56 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 6.3 VDC |
| Dielectric Withstanding Voltage | 15.75 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15% |
| Dissipation Factor | 5% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 892.9 MOhms |

Dimensions

| | |
|----------------------|-----------------|
| L | 3.2mm +/-0.2mm |
| W | 2.5mm +/-0.2mm |
| T | 1.7mm +/-0.2mm |
| S | 1.5mm MIN |
| B | 0.5mm +/-0.25mm |
| Case Code (EIA / mm) | 1210 / 3225 |

Packaging Specifications

| | |
|--------------------|--------------------------|
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 2000 |

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