

KEMET Part Number: C0603S222K3RACTU
(C0603S222K3RAC7867)

SMD Comm X7R FE, Ceramic, Floating Electrode, 2200 pF, 10%, 25 VDC, X7R, SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable, 0603



Dimensions

| | |
|----------|------------------|
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| T | 0.8mm +/-0.07mm |
| S | 0.7mm MIN |
| B | 0.35mm +/-0.15mm |

Packaging Specifications

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

General Information

| | |
|-----------------------|--|
| Supplier: | KEMET |
| 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 |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours |
| Chip Size: | 0603 |

Specifications

| | |
|---|---------------------|
| Capacitance: | 2200 pF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 25 VDC |
| Dielectric Withstanding Voltage: | 62.5 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | X7R |
| Dissipation Factor: | 3.50% 1kHz 25C |
| Aging Rate: | 3% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |