

C0805X225K4RAC7215

SMD Comm X7R Flex, Ceramic, 2.2 uF, 10%, 16 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 0805



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| Chip Size | 0805 |
| L | 2mm +/-0.35mm |
| W | 1.25mm +/-0.3mm |
| Т | 1.25mm +/-0.3mm |
| S | 0.75mm MIN |
| В | 0.5mm +/-0.25mm |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging | T&R, 330mm, Plastic Tape |
| Packaging Quantity | 10000 |

| General Information | |
|---------------------|---------------------------------------|
| Series | SMD Comm X7R Flex |
| Style | SMD Chip |
| Description | SMD, MLCC, FT-CAP, Temperature Stable |
| Features | FT-CAP, Temperature Stable |
| RoHS | Yes |
| Termination | Flexible Termination |
| Marking | Yes |
| AEC-Q200 | No |
| Component Weight | 21 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|---|--|
| Capacitance | 2.2 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 16 VDC |
| Dielectric Withstanding Voltage | 40 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 | 10% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 45.5 MOhms |

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