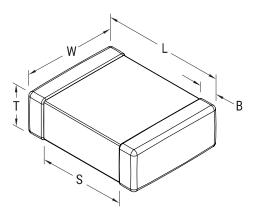
KEMET Part Number: C0603X223K3RACAUTO



SMD Auto X7R Flex, Ceramic, 0.022 uF, 10%, 25 VDC, X7R, SMD, MLCC, FT-CAP, Automotive Grade, 0603



| Dimensions | |
|------------|------------------|
| L | 1.6mm +/-0.17mm |
| W | 0.8mm +/-0.15mm |
| Т | 0.8mm +/-0.15mm |
| S | 0.58mm MIN |
| В | 0.45mm +/-0.15mm |

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

| General Information | | |
|---------------------|--|--|
| Supplier: | KEMET | |
| Series: | SMD Auto X7R Flex | |
| Style: | SMD Chip | |
| Description: | SMD, MLCC, FT-CAP, Automotive Grade | |
| Features: | FT-CAP, Automotive Grade | |
| RoHS: | Yes | |
| Termination: | Flexible Termination | |
| Marking: | No | |
| Qualifications: | AEC-Q200 | |
| AEC-Q200: | Yes | |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours | |
| Chip Size: | 0603 | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | |
|-------------------------------------|---------------------|
| Capacitance: | 0.022 uF |
| 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: | 45.455 GOhms |

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