

Ceramic, Electro Static Discharge, ESD-FlexTerm-AUTO, 6800 pF, 10%, 100 V, 0603, X7R, SMD, MLCC, FT-CAP, Temperature Stable, Electro Static Discharge, Automotive Grade



Dimensions	
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.15mm
S	0.58mm MIN
B	0.45mm +/-0.15mm

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

General Information	
Style:	SMD Chip
Series:	ESD-FlexTerm-AUTO
Chip Size:	0603
Description:	SMD, MLCC, FT-CAP, Temperature Stable, Electro Static Discharge, Automotive Grade
Features:	FT-CAP, Temperature Stable, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Approvals:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications	
Capacitance:	6800 pF
Capacitance Tolerance:	10%
Voltage DC:	100 VDC, 25000 V ESD Level
ESD Level per AEC-Q200:	25,000 V ESD Level
Dielectric Withstanding Voltage:	250 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	100 GOhms