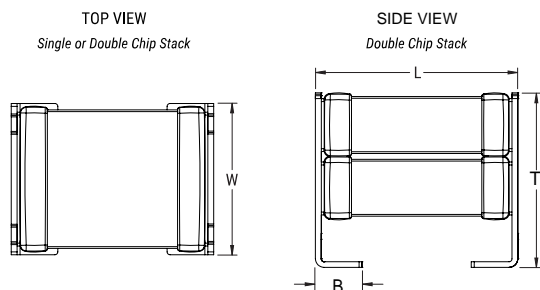


KPS SMD Auto X7R, Ceramic, 10 uF, 20%, 50 VDC, X7R, 1812-2



Dimensions

L	5mm +/-0.5mm
W	3.5mm +/-0.5mm
T	5mm +/-0.50mm
B	1.1mm +/-0.3mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	400

General Information

Series:	KPS SMD Auto X7R
Style:	Stacked Chip
Description:	SMD, MLCC, Stacked, Double Chip, Class II, Automotive Grade
Features:	Automotive Grade
RoHS:	Yes
Termination:	Tin
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	1812-2
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	10 uF
Capacitance Tolerance:	20%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 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:	2.50% 1kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	50 MOhms