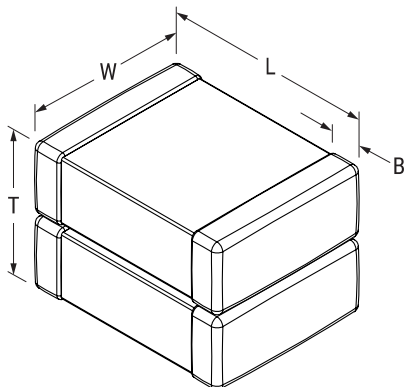


KONNEKT Auto X7R, Ceramic, 0.3 uF, 10%, 630 VDC, X7R



Dimensions

L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
T	3.5mm +/-0.4mm
B	0.6mm +/-0.35mm

Packaging Specifications

Weight:	250 mg
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	500

General Information

Series:	KONNEKT Auto X7R
Style:	KONNEKT
Description:	SMD, MLCC, KONNEKT, Ultra-Stable, Class II
Features:	High Density Packaging
RoHS:	Yes
Termination:	Tin
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Chip Size:	1812-2
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	0.3 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	630 VDC
Dielectric Withstanding Voltage:	945 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:	2.5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	333.33 MOhms