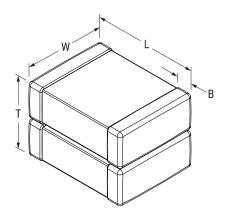


## KONNEKT Auto X7R, Ceramic, 0.3 uF, 10%, 630 VDC, X7R



Dimensions		
L	4.5mm +/-0.3mm	
W	3.2mm +/-0.3mm	
Т	3.5mm +/-0.4mm	
В	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	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

