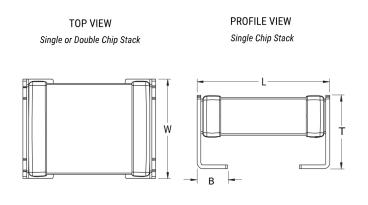


a YAGEO company

## C1210C475K3N1CAUTO

General Information

KPS SMD Auto X8L HT150C, Ceramic, 4.7 uF, 10%, 25 VDC, X8L, 1210-1



Series KPS SMD Auto X8L HT150C Style Stacked Chip SMD, MLCC, Stacked, Single Chip, High Description Temperature, Automotive Grade Features High Temperature, Automotive Grade RoHS Yes Termination Tin Qualifications AEC-Q200 AEC-Q200 Yes Component 160 mg Weight Chip Size 1210-1 Shelf Life 78 Weeks MSL

Click here for the 3D model.

Dimensions	
L	3.5mm +/-0.3mm
W	2.6mm +/-0.3mm
Т	3.35mm +/-0.10mm
В	0.8mm +/-0.15mm

Packaging Specifications		
Packaging	T&R, 180mm, Plastic Tape	
Packaging Quantity	600	

Specifications			
Capacitance	4.7 uF		
Measurement Condition	1 kHz 1.0Vrms		
Capacitance Tolerance	10%		
Voltage DC	25 VDC		
Dielectric Withstanding Voltage	62.5 VDC		
Temperature Range	-55/+150°C		
Temperature Coefficient	X8L		
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+15% (-55C to +125C), +15/- 40% (125C to 150C), 1kHz 1.0Vrms		
Dissipation Factor	2.5% 1 kHz 1.0Vrms		
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours		
Insulation Resistance	106.4 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.