

**General Information** 

Series

Style Description

**Features** 



KPS SMD Auto X8L HT150C

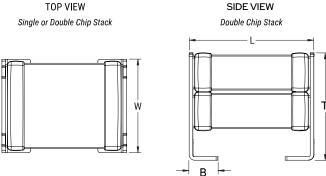
SMD, MLCC, Stacked, Double Chip, High Temperature, Automotive Grade

High Temperature, Automotive

Stacked Chip

Grade





		RoHS	Yes
		Termination	Tin
		Qualifications	AEC-Q200
		AEC-Q200	Yes
Click here for the 3D model.		Typical Component Weight	290 mg
		Chip Size	1210-2
		Shelf Life	78 Weeks
		MSL	1
Dimensions		Specifications	
L	3.5mm +/-0.3mm	Capacitance	2.2 uF
W	2.6mm +/-0.3mm	Measurement Condition	1 kHz 1.0Vrm

В	0.8mm +/-0.15mm
Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	300

6.15mm +/-0.15mm

Т

MSL	1			
Specifications				
Capacitance	2.2 uF			
Measurement Condition	1 kHz 1.0Vrms			
Tolerance	20%			
Voltage DC	50 VDC			
Dielectric Withstanding Voltage	125 VDC			
Temperature Range	-55/+150°C			
Temp. 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	227.3 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.

Generated 08/04/2025 © 2006 - 2025 YAGEO