

General Information

Series

Style

Description

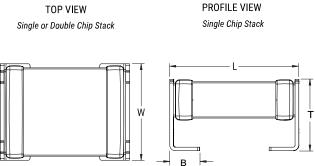


KPS SMD Auto X8L HT150C

SMD, MLCC, Stacked, Single

Stacked Chip





		Chip, High Temperature, Automotive Grade
W B	Features	High Temperature, Automotive Grade
	RoHS	Yes
	Termination	Tin
	Qualifications	AEC-Q200
Click here for the 3D model.	AEC-Q200	Yes
	Typical Component Weight	160 mg
	Shelf Life	78 Weeks
	MSL	1
Dimensions	Specifications	

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

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

Specifications	
Capacitance	1uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
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	500 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 12/03/2025 © 2006 - 2025 YAGEO