

C1206R105K3RACT500

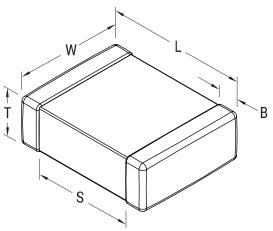
General Information

Series

SMD Indust X7R HT175C, Ceramic, 1 uF, 10%, 25 VDC, X7R, SMD, MLCC, High Temperature, FT-CAP, 1.5 mm, 1206 / 3216

SMD Indust X7R HT175C





	Style	SMD Chip
В	Description	SMD, MLCC, High Temperature, FT-CAP
	Features	FT-CAP, High Temperature
	RoHS	Yes
	Termination	Flexible Termination
	Marking	No
	AEC-Q200	No
	Typical Component Weight	55 mg
	Shelf Life	78 Weeks
	MSL	1
	Specifications	

Dimensions			
L	3.3mm +/-0.4mm		
W	1.6mm +/-0.35mm		
T	1.7mm +/-0.20mm		
S	1.5mm MIN		
В	0.6mm +/-0.25mm		
Case Code (EIA / mm)	1206 / 3216		

Click here for the 3D model.

Packaging Specifications	
Packaging	Cut Reel
Packaging Quantity	500

Specifications	
Capacitance	1uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-55/+175°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15% (-55C to 125C), 1kHz 1.0Vrms
Dissipation Factor	3.5% 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 12/15/2025 © 2006 - 2025 YAGEO