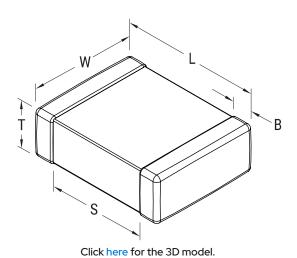


## C0805R274K5RACTU

Aliases (C0805R274K5RAC7800) SMD Indust X7R HT175C, Ceramic, 0.27 uF, 10%, 50 VDC, X7R, SMD, MLCC, High Temperature, FT-CAP, 0805, 0.6 mm



General Information	
Series	SMD Indust X7R HT175C
Style	SMD Chip
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	21 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
Т	1.25mm +/-0.15mm
S	0.6mm MIN
В	0.5mm +/-0.25mm

Packaging Packaging Packaging

	/ 0.0	Thousand the Contact of the Contact	
	1.25mm +/-0.3mm	Tolerance	10%
	1.25mm +/-0.15mm	Voltage DC	50 VDC
	0.6mm MIN	Dielectric Withstanding Voltage	125 VDC
	0.5mm +/-0.25mm	Temperature Range	-55/+175°C
		Temp. Coefficient	X7R
g Specifications		Capacitance Change with	15% (-55C to 125C), 1kHz 1.0
9	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	
g Quantity	2500	Dissipation Factor	2.5% 1 kHz 1.0Vrms

Specifications	
Capacitance	0.27 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1.8519 GOhms

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.

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