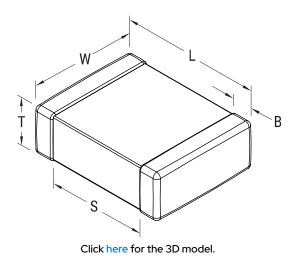


## **C1210C270KDRACTU**

Aliases (C1210C270KDRAC7800) SMD Comm X7R HV, Ceramic, 27 pF, 10%, 1,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1210, 1.5 mm



General Information	
Series	SMD Comm X7R HV
Style	SMD Chip
Description	SMD, MLCC, High Voltage, Temperature Stable
Features	High Voltage
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	85 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
Т	1.7mm +/-0.20mm
S	1.5mm MIN
В	0.5mm +/-0.25mm

2000

Packaging Quantity

-	5.211111 - / 6.2111111	Measurement Condition
W	2.5mm +/-0.2mm	Tolerance
T	1.7mm +/-0.20mm	Voltage DC
S	1.5mm MIN	Dielectric Withstanding Voltage
В	0.5mm +/-0.25mm	Temperature Range
		Temp. Coefficient
Packaging Specifications		Capacitance Change with
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC

Specifications	
Capacitance	27 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitut	te - 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	nave the
requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provide	ed 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 05/05/2025 © 2006 - 2025 YAGEO