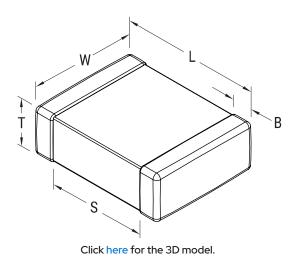


C0603C470K8RACTU

Aliases (C0603C470K8RAC7867) SMD Comm X7R, Ceramic, 47 pF, 10%, 10 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0603, 0.5 mm



General Information	
Series	SMD Comm X7R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Class II
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	4.8 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.5mm MIN
В	0.35mm +/-0.15mm

Packaging Quantity

W	0.8mm +/-0.15mm	Tolerance
Т	0.8mm +/-0.07mm	Voltage DC
S	0.5mm MIN	Dielectric With
В	0.35mm +/-0.15mm	Temperature I
		Temp. Coeffic
Packaging Specifications	3	Capacitance (
Packaging	T&R, 180mm, Paper Tape	Reference to

4000

C	
Specifications	
Capacitance	47 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 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	5%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 48 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 constitute - and	ĺ
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 th	
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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