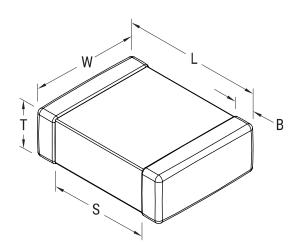


C0805C105K8RACTM

Aliases (C0805C105K8RAC7025) SMD Comm X7R, Ceramic, 1 uF, 10%, 10 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0805, 0.7 mm



Click here for the 3D model.

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	Yes
AEC-Q200	No
Typical Component Weight	13 mg
Shelf Life	78 Weeks
MSL	1

Dimensions		Speci
Chip Size	0805	Capac
L	2mm +/-0.2mm	Measu
W	1.25mm +/-0.2mm	Tolera
т	1.25mm +/-0.2mm	Voltag
S	0.7mm MIN	Dielec
В	0.5mm +/-0.25mm	Tempo
		Temp

Packaging Specifications T&R, 180mm, Plastic Tape Packaging Packaging Quantity 2500

Specifications	
Capacitance	1uF
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	500 MOhms

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