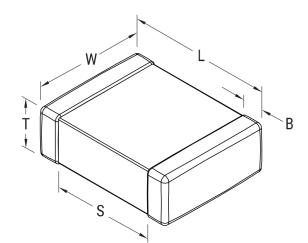


C0805W103KBRACTU

Aliases (C0805W103KBRAC7800)

ArcShield SMD Comm X7R HV, Ceramic, 0.01 uF, 10%, 630 VDC, X7R, SMD, MLCC, Arcshield, High Voltage, 0805



Click here for the 3D model.

Chip Size 0805 L 2mm +/-0.3mm	
105	
W 1.25mm +/-0.3mm	
T 1.25mm +/-0.15mm	
S 0.75mm MIN	
B 0.5mm +/-0.25mm	

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

General Information	
Series	ArcShield SMD Comm X7R HV
Style	SMD Chip
Description	SMD, MLCC, Arcshield, High Voltage
Features	High Voltage
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Component Weight	21 mg
Miscellaneous	X7R dielectric is not recommended for AC line filtering or pulse applications.
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	10 GOhms

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