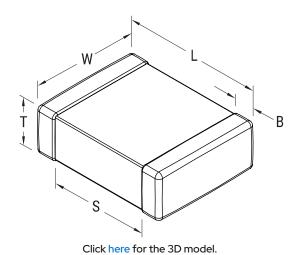


C1825X104K1RACTU

Aliases (C1825X104K1RAC7800) SMD Comm X7R Flex, Ceramic, 0.1 uF, 10%, 100 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1825, 2.3 mm



General Information	
Series	SMD Comm X7R Flex
Style	SMD Chip
Description	SMD, MLCC, FT-CAP, Temperature Stable
Features	FT-CAP, Temperature Stable
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Typical Component Weight	170 mg
Shelf Life	78 Weeks
MSL	1

 Dimensions

 Chip Size
 1825

 L
 4.6mm +/-0.4mm

 W
 6.4mm +/-0.4mm

 T
 1.1mm +/-0.15mm

 S
 2.3mm MIN

 B
 0.7mm +/-0.35mm

Packaging Specifications

Packaging Quantity 100

T&R, 180mm, Plastic Tape 1000

Specifications	
Capacitance	0.1 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	10 GOhms

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