

C1825C273KCRACTU

Aliases (C1825C273KCRAC7800) SMD Comm X7R HV, Ceramic, 0.027 uF, 10%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1825, 2.3 mm



Click here for the 3D model.

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	240 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.027 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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	37.037 GOhms

 Dimensions

 Chip Size
 1825

 L
 4.5mm +/-0.3mm

 W
 6.4mm +/-0.4mm

 T
 1.4mm +/-0.15mm

 S
 2.3mm MIN

 B
 0.6mm +/-0.35mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

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