

C1812C225M1RACTU

Aliases (C1812C225M1RAC7800)

SMD Comm X7R, Ceramic, 2.2 uF, 20%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 2.3 mm, 1812 / 4532



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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
Typical Component Weight	185 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	2.2 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
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% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	227.3 MOhms

Dimensions

L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
T	2.5mm +/-0.20mm
S	2.3mm MIN
B	0.6mm +/-0.35mm
Case Code (EIA / mm)	1812 / 4532

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	500

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