

C0805C106K4PACTU

Aliases (C0805C106K4PAC7800)

SMD Comm X5R, Ceramic, 10 uF, 10%, 16 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 0805



Click here for the 3D model.

0805
2mm +/-0.2mm
1.25mm +/-0.2mm
1.25mm +/-0.15mm
0.75mm MIN
0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	3000

General Information	,
Series	SMD Comm X5R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Class II
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	10 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 VDC
Temperature Range	-55/+85°C
Temperature Coefficient	X5R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 0.5Vrms
Dissipation Factor	10% 1 kHz 1.0Vrms
Aging Rate	5% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	10 MOhms

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