

KEMET Part Number: C1210C186K8PACTU
(C1210C186K8PAC7800)



SMD Comm X5R, Ceramic, 18 uF, 10%, 10 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 1210



Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	1.25mm +/-0.15mm
B	0.5mm +/-0.25mm

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

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
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	18 uF
Measurement Condition:	120 Hz 0.5Vrms
Capacitance Tolerance:	10%
Voltage DC:	10 VDC
Dielectric Withstanding Voltage:	25 VDC
Temperature Range:	-55/+85°C
Temperature Coefficient:	X5R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 120Hz 0.5Vrms
Dissipation Factor:	10% 120Hz 0.5Vrms
Aging Rate:	5% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	6 MOhms

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