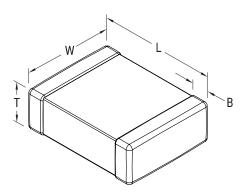
KEMET Part Number: C1812C106K3RACTU

(C1812C106K3RAC7800)



SMD Comm X7R, Ceramic, 10 uF, 10%, 25 V, X7R, SMD, MLCC, Temperature Stable, Class II, 1812



Dimensions		
L	4.5mm +/-0.3mm	
W	3.2mm +/-0.3mm	
Т	1.6mm +/-0.20mm	
В	0.6mm +/-0.35mm	

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

General Information		
Supplier:	KEMET	
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	
Failure Rate:	N/A	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	
Chip Size:	1812	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	10 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5000000000000004% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	50 MOhms

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