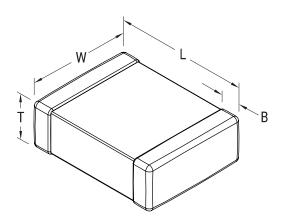
## KEMET Part Number: C1206C825M4RACTU

(C1206C825M4RAC7800)



SMD Comm X7R, Ceramic, 8.2 uF, 20%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 1206



Dimensions		
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Т	1.6mm +/-0.20mm	
В	0.5mm +/-0.25mm	

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2000

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	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	
Chip Size:	1206	

Specifications		
Capacitance:	8.2 uF	
Capacitance Tolerance:	20%	
Voltage DC:	16 VDC	
Dielectric Withstanding Voltage:	40 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	3.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	12 MOhms	

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