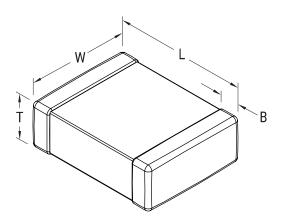
KEMET Part Number: C1206T275K8RALTU

(C1206T275K8RAL7800)



SMD COTS X7R, Ceramic, 2.7 uF, 10%, 10 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 1206



Dimensions		
Chip Size	1206	
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Т	0.95mm +/-0.10mm	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	4000	

General Information		
Series:	SMD COTS X7R	
Style:	SMD Chip	
Description:	SMD, MLCC, COTS, Temperature Stable, Class II	
Features:	Temperature Stable, Class II	
RoHS:	No	
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.	
SCIP Number:	2d771165-5336-48a3-96fa-36639	29fd828
Termination:	Lead (SnPb)	
Marking:	No	
Failure Rate:	Testing per MIL-PRF-55681 PDA 8%	
AEC-Q200:	No	
Component Weight:	25 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	2.7 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	10 VDC
Dielectric Withstanding Voltage:	25 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms
Dissipation Factor:	5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	185.2 MOhms

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