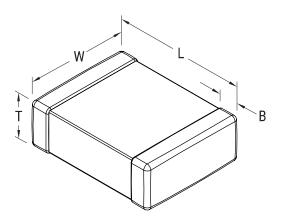
KEMET Part Number: C2220T106J3RCL



## SMD COTS X7R, Ceramic, 10 uF, 5%, 25 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 2220



Dimensions		
Chip Size	2220	
L	5.7mm +/-0.4mm	
W	5mm +/-0.4mm	
Т	1.5mm +/-0.15mm	
В	0.6mm +/-0.35mm	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1	

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.	2044020
SCIP Number:	2d771165-5336-48a3-96fa-36639	2910828
Termination:	Lead (SnPb)	
Marking:	No	
Failure Rate:	Testing per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition A	
AEC-Q200:	No	
Component Weight:	230 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	10 uF	
Measurement Condition:	1 kHz 1.0Vrms	
Capacitance Tolerance:	5%	
Voltage DC:	25 VDC	
Dielectric Withstanding Voltage:	62.5 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:	3.5% 1 kHz 1.0Vrms	
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours	
Insulation Resistance:	50 MOhms	

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