## **KEMET Part Number: C1825C274KBRACTU**

(C1825C274KBRAC7800)



Ceramic, Commercial-(CxxxxC), 0.27 uF, 10%, 630 V, 1825, X7R, SMD, MLCC, High Voltage, Temperature Stable



Dimensions		
L	4.5mm +/-0.3mm	
W	6.4mm +/-0.4mm	
Т	2mm +/-0.20mm	
В	0.6mm +/-0.35mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	500	

General Information	
Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	1825
Description:	SMD, MLCC, High Voltage, Temperature Stable
Features:	High Voltage
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications		
Capacitance:	0.27 uF	
Capacitance Tolerance:	10%	
Voltage DC:	630 VDC	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	370 MOhms	
Dielectric Strength:	945 V	

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