KEMET Part Number: C1825W394KCRACTU

(C1825W394KCRAC7800)



Ceramic, Anti-Arcing, ArcShieldFlexTerm-(CxxxxW), 0.39 uF, 10%, 500 V, 1825, X7R, SMD, MLCC, Arcshield, High Voltage



Dimensions		
L	4.6mm +/-0.4mm	
W	6.4mm +/-0.4mm	
Т	2.5mm +/-0.20mm	
В	0.7mm +/-0.35mm	

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

General Information		
Style:	SMD Chip	
Series:	ArcShieldFlexTerm-(CxxxxW)	
Chip Size:	1825	
Description:	SMD, MLCC, Arcshield, High Voltage	
Features:	High Voltage	
RoHS:	Yes	
Termination:	Flexible Termination	
Marking:	No	
Failure Rate:	N/A	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours. X7R dielectric is not recommended for AC line filtering or pulse applications	

Specifications		
Capacitance:	0.39 uF	
Capacitance Tolerance:	10%	
Voltage DC:	500 VDC	
Dielectric Withstanding Voltage:	750 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	256 MOhms	

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