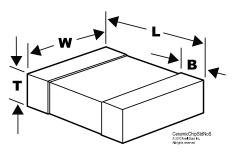
## **KEMET Part Number: C1812W154KBRACTU**

(C1812W154KBRAC7800)



Ceramic, Anti-Arcing, ArcShieldFlexTerm-(CxxxxW), 0.15 uF, 10%, 630 V, 1812, X7R, SMD, MLCC, Arcshield, High Voltage



Dimensions		
L	4.5mm +/-0.4mm	
W	3.2mm +/-0.3mm	
Т	1.7mm +/-0.20mm	
В	0.7mm +/-0.35mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	1000	

General Information	
Style:	SMD Chip
Series:	ArcShieldFlexTerm-(CxxxxW)
Chip Size:	1812
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:	0.15 uF	
Capacitance Tolerance:	10%	
Voltage DC:	630 VDC	
Dielectric Withstanding Voltage:	945 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	667 MOhms	

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