KEMET Part Number: C1808W683KDRACTU

(C1808W683KDRAC7800)



ArcShield SMD Comm X7R HV, Ceramic, Anti-Arcing, 0.068 uF, 10%, 1000 VDC, X7R, SMD, MLCC, Arcshield, High Voltage, 1808



Dimensions		
L	4.7mm +/-0.5mm	
W	2mm +/-0.2mm	
Т	2mm +/-0.15mm	
В	0.7mm +/-0.35mm	

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

General Information		
Supplier:	KEMET	
Series:	ArcShield SMD Comm X7R HV	
Style:	SMD Chip	
Description:	SMD, MLCC, Arcshield, High Voltage	
Features:	High Voltage	
RoHS:	Yes	
Termination:	Flexible Termination	
Marking:	No	
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	
Chip Size:	1808	

Specifications		
Capacitance:	0.068 uF	
Capacitance Tolerance:	10%	
Voltage DC:	1000 VDC	
Dielectric Withstanding Voltage:	1,200 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	1.471 GOhms	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

