KEMET Part Number: C0805C102K5HACTU

(C0805C102K5HAC7800)



SMD Comm X8R HT150C, Ceramic, 1000 pF, 10%, 50 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, 0805



Dimensions		
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	0.78mm +/-0.10mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Paper Tape	
Packaging Quantity:	4000	

General Information		
Supplier:	KEMET	
Series:	SMD Comm X8R HT150C	
Style:	SMD Chip	
Description:	SMD, MLCC, High Temperature, Ultra-Stable	
Features:	High Temperature, Ultra-Stable	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Miscellaneous:	Note: Referee time for X8R dielectric for this part number is 1000 hours	
Chip Size:	0805	

Specifications		
Capacitance:	1000 pF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+150C	
Temperature Coefficient:	X8R	
Dissipation Factor:	2.50% 1MHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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