KEMET Part Number: 1825B104K501CM7189



## SMD Mil-Equiv X7R HV 49467, Ceramic, 0.1 uF, 10%, 500 VDC, X7R, Surface Mount Ceramic Capacitor, 1825



Dimensions		
Chip Size	1825	
L	4.57mm +/-0.51mm	
W	6.35mm +/-0.51mm	
Т	4.07mm NOM	
В	0.68mm +/-1.106mm	

General Information		
Series:	SMD Mil-Equiv X7R HV 49467	
Style:	SMD Chip	
Description:	Surface Mount Ceramic Capacitor	
RoHS:	No	
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.	
Termination:	Silver Nickel Tin	
AEC-Q200:	No	

Specifications		
Capacitance:	0.1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	500 VDC	
Dielectric Withstanding Voltage:	750 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	X7R	
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	30 ppm/C	
Dissipation Factor:	2.5%	
Aging Rate:	2% Loss/Decade Hour	
Insulation Resistance:	10 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.



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