KEMET Part Number: 1812B272K202EM



SMD Mil-Equiv X7R HV 49467, Ceramic, 2700 pF, 10%, 2000 VDC, X7R, Surface Mount Ceramic Capacitor, 1812



Dimensions		
Chip Size	1812	
L	4.57mm +/-0.51mm	
W	3.05mm +/-0.38mm	
Т	2.54mm NOM	
В	0.68mm +/-1.106mm	

Packaging Specifications		
Packaging Quantity:	50	

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.
SCIP Number:	a9ede7c3-8ff0-4777- aadd-7850aa043418
Termination:	Silver Nickel Tin Lead (SnPb)
AEC-Q200:	No

Specifications	
Capacitance:	2700 pF
Capacitance Tolerance:	10%
Voltage DC:	2000 VDC
Dielectric Withstanding Voltage:	2400 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:	100 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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