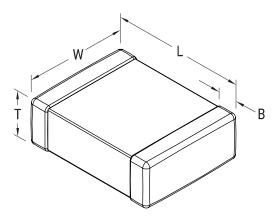
KEMET Part Number: M3253507E2X475KRMB

(C1812K475K8RNL)



SMD MIL X7R PRF32535, Ceramic, Military/High Reliability, 4.7 uF, 10%, 10 VDC, X7R, SMD, Conformal, Military, Low ESR, MIL-PRF-32535, N/A, 1812



Dimensions		
L	4.52mm +/-0.3mm	
	(0.178 in +/-0.012 in)	
w	3.2mm +/-0.3mm	
	(0.126 in +/-0.012 in)	
Т	2.79mm MAX (0.11 in MAX)	
В	0.61mm +/-0.46mm	
	(0.024 in +/-0.018 in)	

Packaging Specifications		
Weight:	216 mg	
Packaging:	Waffle	
Packaging Quantity:	80	

General Information		
Supplier:	KEMET	
Series:	SMD MIL X7R PRF32535	
Style:	SMD Chip	
Description:	SMD, Conformal, Military, Low ESR, MIL-PRF-32535	
RoHS:	No	
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.	
REACH:	SVHC (Pb – CAS 7439-92-1)	
Termination:	Solder Plated	
Failure Rate:	N/A	
Qualifications:	MIL-PRF-32535	
Notes:	2mm Pitch T&R packaging option will double quantity. Only for 0603 Chip Size	
Chip Size:	1812	

Specifications		
Capacitance:	4.7 uF	
Capacitance Tolerance:	10%	
Voltage DC:	10 VDC	
Dielectric Withstanding Voltage:	25 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	5.00% 1kHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	110 MOhms	

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.

