KEMET Part Number: M3253507E2Z395KRTB

(C1812K395K3RVL7189)



SMD MIL X7R PRF32535, Ceramic, 3.9 uF, 10%, 25 VDC, X7R, SMD, Military, Low ESR, MIL-PRF-32535, N/A, 1812



Dimensions		
Chip Size	1812	
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:	T&R	
Packaging Quantity:	2500	

General Information	
Series:	SMD MIL X7R PRF32535
Style:	SMD Chip
Description:	SMD, 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
AEC-Q200:	No

Specifications		
Capacitance:	3.9 uF	
Capacitance Tolerance:	10%	
Voltage DC:	25 VDC	
Dielectric Withstanding Voltage:	62.5 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	X7R	
Dissipation Factor:	3.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	260 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.



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