## KEMET Part Number: M3253503E2A473KZMB

(C0603K473K5RML)



SMD MIL X7R PRF32535, Ceramic, Military/High Reliability, 0.047 uF, 10%, 50 VDC, X7R, SMD, Conformal, Military, Low ESR, MIL-PRF-32535, N/A, 0603



Dimensions	
L	1.6mm +/-0.15mm
	(0.063 in +/-0.006 in)
W	0.81mm +/-0.15mm
	(0.032 in +/-0.006 in)
Т	0.99mm MAX (0.039 in MAX)
В	0.41mm +/-0.2mm
	(0.016 in +/-0.008 in)

Packaging Specifications		
Weight:	6300 ug	
Packaging:	Waffle	
Packaging Quantity:	100	

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:	0603

Specifications		
Capacitance:	0.047 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1MHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	21.28 GOhms	

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