

**KEMET Part Number: M3253505E2A334KGMB**  
(C1206K334K5RMG7189)

SMD MIL X7R PRF32535, Ceramic, 0.33 uF, 10%, 50 VDC, X7R, SMD, Military, Low ESR, MIL-PRF-32535, N/A, 1206



General Information	
Series:	SMD MIL X7R PRF32535
Style:	SMD Chip
Description:	SMD, Military, Low ESR, MIL-PRF-32535
RoHS:	Yes
Termination:	Gold
Failure Rate:	N/A
Qualifications:	MIL-PRF-32535
AEC-Q200:	No

Dimensions	
Chip Size	1206
L	3.2mm +/-0.25mm (0.126 in +/-0.01 in)
W	1.6mm +/-0.25mm (0.063 in +/-0.01 in)
T	1.78mm MAX (0.07 in MAX)
B	0.51mm +/-0.36mm (0.02 in +/-0.014 in)

Specifications	
Capacitance:	0.33 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Dissipation Factor:	2.50% 1MHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	3.03 GOhms

Packaging Specifications	
Weight:	57 mg
Packaging:	T&R
Packaging Quantity:	2500

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