

**KEMET Part Number: M3253504E2Y104KZTB**  
(C0805K104K4RTL7189)

SMD MIL X7R PRF32535, Ceramic, 0.1 uF, 10%, 16 VDC, X7R, SMD, Military, Low ESR, MIL-PRF-32535, N/A, 0805



Dimensions	
Chip Size	0805
L	2.01mm +/-0.25mm (0.079 in +/-0.01 in)
W	1.27mm +/-0.25mm (0.05 in +/-0.01 in)
T	1.52mm MAX (0.06 in MAX)
B	0.51mm +/-0.25mm (0.02 in +/-0.01 in)

Packaging Specifications	
Weight:	20 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:	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Plated
Failure Rate:	N/A
Qualifications:	MIL-PRF-32535
AEC-Q200:	No

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC
Dielectric Withstanding Voltage:	40 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Dissipation Factor:	3.50% 1MHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	5 GOhms

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