

Capacitor, Tantalum, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, 1 uF, 3528, +/-10% Tol, 35 V (85C)



General Information	
Supplier:	KEMET
Brand:	Kemet
Application:	Automotive/High Temp (AEC-Q200 Qualified)
Sub Application:	(175C)
Part Type Description:	SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200
Construction:	Standard Chip-MnO2
Body Type:	Molded Chip
Termination:	Tin
Footprint:	3528
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.50	+/-0.2
W	2.80	+/-0.2
H	1.90	+/-0.2
F	2.20	+/-0.1
S	0.80	+/-0.3
B	0.40	+/-0.15
X	0.10	+/-0.1
P	0.50	REF
R	1.00	REF
T	0.13	REF
A	1.10	MIN
G	1.80	REF
E	2.20	REF

Specifications	
Capacitance:	1 uF
Tolerance:	+/-10%
Voltage:	35 V (85C)
Voltage:	27.22 V (125C)
Voltage:	17.5 V (175C)
Temperature Range:	-55/+175C
Current/Ripple Current:	130 mA (25C)
Current/Ripple Current:	117 mA (85C)
Current/Ripple Current:	52 mA (125C)
Resistance/ESR:	5000 mOhms (100kHz)
Failure Rate:	NA
Leakage Current:	0.5 uA
Dissipation Factor:	4%

Packaging Specifications	
Package Kind:	T&R
Package Size:	7in
Package Quantity:	2000

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