

Capacitor, Tantalum, SMD, MnO<sub>2</sub>, Molded, Hi-Temp, 175C, Auto, AEC-Q200, 0.22 uF, 3216, +/-10% Tol, 35 VDC (85C)



General Information	
Supplier:	KEMET
Application:	Automotive/High Temp (AEC-Q200 Qualified)
Sub Application:	(175C)
Part Type Description:	SMD, MnO <sub>2</sub> , Molded, Hi-Temp, 175C, Auto, AEC-Q200
Construction:	Standard Chip-MnO <sub>2</sub>
Body Type:	SMD Chip
Footprint:	3216
Weight:	58.6 mg
Approvals:	AEC-Q200
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.2	+/-0.2
W	1.6	+/-0.2
H	1.6	+/-0.2
F	1.2	+/-0.1
S	0.8	+/-0.3
B	0.4	+/-0.15
X	0.1	+/-0.1
P	0.4	REF
R	0.4	REF
T	0.13	REF
A	0.8	MIN
G	1.1	REF
E	1.3	REF

Specifications	
Capacitance:	0.22 uF
Tolerance:	+/-10%
Voltage:	35 VDC (85C)
Voltage:	27.22 VDC (125C)
Voltage:	17.5 VDC (175C)
Temperature Range:	-55/+175C
Current/Ripple Current:	65 mAmps (25C)
Current/Ripple Current:	58.5 mAmps (85C)
Current/Ripple Current:	13 mAmps (175C)
Resistance/ESR:	18000 mOhms (100kHz)
Failure Rate:	N/A
Leakage Current:	0.5 uA
Dissipation Factor:	4%

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Quantity:	2000

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.