

Capacitor, Tantalum, SMD, MnO₂, Molded, Hi-Temp, 175C, Auto, AEC-Q200, 47 uF, 7343, +/-10% Tol, 16 VDC (85C)



General Information	
Supplier:	KEMET
Application:	Automotive/High Temp (AEC-Q200 Qualified)
Sub Application:	(175C)
Part Type Description:	SMD, MnO ₂ , Molded, Hi-Temp, 175C, Auto, AEC-Q200
Construction:	Standard Chip-MnO ₂
Body Type:	SMD Chip
Footprint:	7343
Weight:	446.84 mg
Approvals:	AEC-Q200
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	7.3	+/-0.3
W	4.3	+/-0.3
H	2.8	+/-0.3
F	2.4	+/-0.1
S	1.3	+/-0.3
B	0.5	+/-0.15
X	0.1	+/-0.1
P	0.9	REF
R	1	REF
T	0.13	REF
A	3.8	MIN
G	3.5	REF
E	3.5	REF

Specifications	
Capacitance:	47 uF
Tolerance:	+/-10%
Voltage:	16 VDC (85C)
Voltage:	12.44 VDC (125C)
Voltage:	8 VDC (175C)
Temperature Range:	-55/+175C
Current/Ripple Current:	433 mAmps (25C)
Current/Ripple Current:	389.7 mAmps (85C)
Current/Ripple Current:	86.6 mAmps (175C)
Resistance/ESR:	800 mOhms (100kHz)
Failure Rate:	N/A
Leakage Current:	7.5 uA
Dissipation Factor:	6%

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Quantity:	500

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