

Capacitor, Tantalum, SMD, MnO₂, Molded, Hi-Temp, 150C, Auto, AEC-Q200, 6.8 uF, 7343, +/-20% Tol, 35 VDC (85C)



General Information	
Supplier:	KEMET
Application:	Automotive/High Temp (AEC-Q200 Qualified)
Sub Application:	(150C)
Part Type Description:	SMD, MnO ₂ , Molded, Hi-Temp, 150C, 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:	6.8 uF
Tolerance:	+/-20%
Voltage:	35 VDC (85C)
Voltage:	27.89 VDC (125C)
Voltage:	23.45 VDC (150C)
Temperature Range:	-55/+150C
Current/Ripple Current:	408 mAmps (25C)
Current/Ripple Current:	367.2 mAmps (85C)
Current/Ripple Current:	122.4 mAmps (150C)
Resistance/ESR:	900 mOhms (100kHz)
Failure Rate:	N/A
Leakage Current:	2.4 uA
Dissipation Factor:	4.5%

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

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