

Capacitor, Tantalum, 6.8 uF, 7343, +/-20% Tol, -55/+230C, 35 VDC (85C), Failure Rate=N/A



General Information	
Supplier:	KEMET
Application:	High Temperature
Sub Application:	(230C)
Part Type Description:	SMD, MnO ₂ , Molded, High Temperature, 230C
Construction:	Standard Chip-MnO ₂
Body Type:	SMD Chip
Footprint:	7343
Weight:	292 mg
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	3.6	MIN

Specifications	
Capacitance:	6.8 uF
Tolerance:	+/-20%
Voltage:	35 VDC (85C)
Voltage:	23.1 VDC (125C)
Voltage:	7 VDC (230C)
Temperature Range:	-55/+230C
Testing:	10 Cycles Surge Current Testing At -55C And +85C After Weibull
Current/Ripple Current:	913 mAmps (100kHz 45C)
Resistance/ESR:	1.8 Ohms (100kHz)
Failure Rate:	N/A
Leakage Current:	2.4 uA
Dissipation Factor:	6%

Notes:

-In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) MnO₂ tantalum chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C rated T498 (or B45196P, B45198P), H = 175C rated T499, M = Multiple anode

Packaging Specifications	
Package Kind:	T&R
Package Size:	13 in/330 mm
Package Quantity:	2500