

Capacitor, Tantalum, 100 uF, 6032, +/-10% Tol, 10 VDC (105C), Failure Rate=A (Non-ER)



General Information	
Supplier:	KEMET
Application:	Military COTS/Upscreened/Low ESR (Non-ER)
Sub Application:	(NonCombustibleCathode)
Part Type Description:	SMD, Polymer, Molded, COTS, Up Screening
Construction:	Standard Chip-Polymer
Body Type:	SMD Chip
Footprint:	6032
Weight:	193.46 mg
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	6	+/-0.3
W	3.2	+/-0.3
H	2.5	+/-0.3
F	2.2	+/-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	2.5	MIN
G	2.8	REF
E	2.4	REF

Specifications	
Capacitance:	100 uF
Tolerance:	+/-10%
Voltage:	10 VDC (105C)
Temperature Range:	-55/+105C
Testing:	Standard Testing Only
Current/Ripple Current:	2569 mAmps (100kHz 45C)
Resistance/ESR:	25 mOhms (100kHz)
Failure Rate:	A (Non-ER)
Leakage Current:	100 uA
Dissipation Factor:	8%

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

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