

Capacitor, Tantalum, 22 uF, 3216, +/-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:	3216
Weight:	53.17 mg
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:	22 uF
Tolerance:	+/-10%
Voltage:	10 VDC (105C)
Temperature Range:	-55/+105C
Testing:	Standard Testing Only
Current/Ripple Current:	1183 mAmps (100kHz 45C)
Resistance/ESR:	80 mOhms (100kHz)
Failure Rate:	A (Non-ER)
Leakage Current:	22 uA
Dissipation Factor:	8%

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

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