

Capacitor, Tantalum, 18 uF, 7343, +/-10% Tol, 50 VDC (105C), Failure Rate=A (Non-ER)



Dimensions (mm)

Symbol	Dimension	Tolerance
L	7.3	+/-0.3
W	4.3	+/-0.3
H	4	+/-0.3
F	2.4	+/-0.1
S	1.3	+/-0.3
B	0.5	+/-0.15
X	0.1	+/-0.1
P	1.7	REF
R	1	REF
T	0.13	REF
A	3.8	MIN
G	3.5	REF
E	3.5	REF

Notes:

-In Polarity Stripe, At KEMET's Option, Type May Be Indicated:
 No Symbol = Standard (Or Low Leakage) MnO₂ Tantalum Chip,
 O = Low ESR T494, R = Low ESR T495, F = Fused T496, HT
 = 150C Rated T498 (or B45196P, B45198P), H = 175C Rated
 T499, H2 = 200C Rated T5

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
Termination:	Solder Coated
Footprint:	7343
Weight:	588.16 mg
RoHS:	No

Specifications

Capacitance:	18 uF
Tolerance:	+/-10%
Voltage:	50 VDC (105C)
Temperature Range:	-55/+105C
Testing:	10 Cycles Surge Current Testing At -55C And +85C
Current/Ripple Current:	2657 mAmps (100kHz 45C)
Resistance/ESR:	35 mOhms (100kHz)
Failure Rate:	A (Non-ER)
Leakage Current:	90 uA
Dissipation Factor:	10%

Packaging Specifications

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