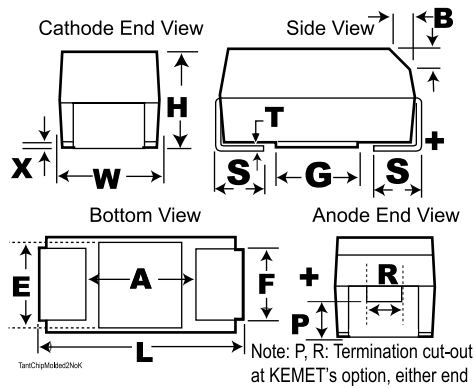


Capacitor, Tantalum, 47 uF, 3528, +/-20% Tol, 10V@85C, Failure Rate=A



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.5	+/-0.2
W	2.8	+/-0.2
H	1.9	+/-0.2
F	2.2	+/-0.1
S	0.8	+/-0.3
B	0.4	+/-0.15
X	0.1	+/-0.1
P	0.5	REF
R	1	REF
T	0.13	REF
A	2.1	MIN
G	1.8	REF
E	2.2	REF

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

General Information	
Supplier:	KEMET
Construction:	Standard Chip-Polymer
Testing:	10 cycles surge current testing at -55C and +85C

Specifications	
Capacitance:	47 uF
Voltage DC @ 85C:	10V
Voltage DC @ 105C:	10V
Tolerance:	+/-20%
Application:	Military COTS/Upscreened/Low ESR
Body Type:	Molded Chip
ESR:	70 mOhm
Temperature Range:	-55/+105C
Footprint:	3528
Termination:	Solder Coated
Leakage Current:	47 uA
Dissipation Factor:	8%
Ripple @ 25C:	1.347 A
Ripple @ 85C:	0.9429 A
Ripple @ 105C:	0.3368 A

Packaging Specifications	
Package Kind:	T&R
Package Quantity:	2000