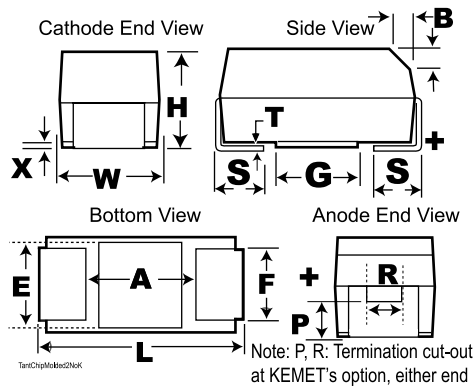


Capacitor, Tantalum, SMD, Polymer, Molded, Low ESR, Non-Combustible, 47 uF, 3528, +/-20% Tol, 8V@85C



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.5	+/-0.2
W	2.8	+/-0.2
H	1.9	+/-0.1
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 construction T510 (and B45396R), KO = Organic cathode T520 or T521, KT = High temp organic cathode T525, KM = Multiple anode organic cathode T530, FD= Organic cathode face down terminals T528.

General Information	
Supplier:	KEMET
Part Type Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible
Construction:	Standard Chip-Polymer

Specifications	
Capacitance:	47 uF
Voltage DC @ 85C:	8V
Voltage DC @ 105C:	8V
Tolerance:	+/-20%
Application:	General Purpose/Low ESR
Temperature Range:	-55/+105C
Body Type:	Molded Chip
ESR:	35 mOhm
Footprint:	3528
Termination:	Tin
RoHS:	Yes
Leakage Current:	37.6 uA
Dissipation Factor:	8%
Ripple @ 25C:	1.9 A
Ripple @ 85C:	1.33 A
Ripple @ 105C:	0.475 A

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