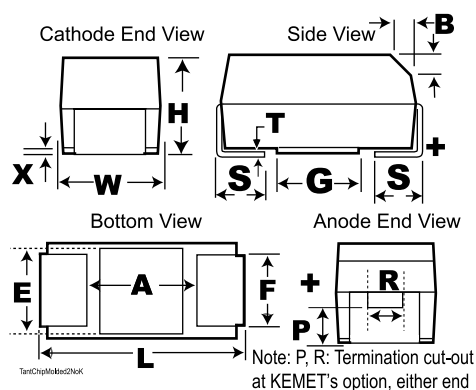


Capacitor, Tantalum, SMD, MnO₂, Molded, 0.47 uF, 3528, +/-10% Tol, 50V@85C



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 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, MnO ₂ , Molded
Construction:	Standard Chip-MnO ₂

Specifications

Capacitance:	0.47 uF
Voltage DC @ 85C:	50V
Voltage DC @ 105C:	41.75V
Voltage DC @ 125C:	33.5V
Tolerance:	+/-10%
Application:	General Purpose
Temperature Range:	-55/+125C
Body Type:	Molded Chip
ESR:	9 Ohm
Footprint:	3528
Termination:	Tin
RoHS:	Yes
Leakage Current:	0.5 uA
Dissipation Factor:	4%
Ripple @ 25C:	0.097 A
Ripple @ 85C:	0.087 A
Ripple @ 105C:	0.063 A
Ripple @ 125C:	0.039 A

Packaging Specifications

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