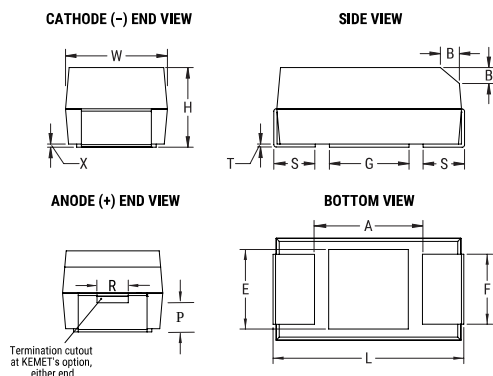


T510, Tantalum, MnO₂ Tantalum, Multi-Anode, 1,000 uF, 10%, 4 VDC, SMD, MnO₂, Molded, Large Case, Multi-Anode, LowESR, 18 mOhms, 7360, Height Max = 3.8mm



General Information

Supplier:	KEMET
Series:	T510
Dielectric:	MnO ₂ Tantalum
Style:	SMD Chip
Description:	SMD, MnO ₂ , Molded, Large Case, Multi-Anode, LowESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
Shelf Life:	156 Weeks
MSL:	1

Dimensions

Footprint	7360
L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
H	3.6mm +/-0.2mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	4.1mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Specifications

Capacitance:	1,000 uF
Capacitance Tolerance:	10%
Voltage DC:	4 VDC (85C)
Temperature Range:	-55/+125C
Rated Temperature:	85°C
Dissipation Factor:	6.00% 120Hz 20C
Failure Rate:	N/A
Resistance:	18 mOhms (100kHz)
Ripple Current:	3979 mAmps (100kHz 25C), 3581.1 mAmps (85C), 1591.6 mAmps (125C)
Leakage Current:	40 uA (5min 20C)

Packaging Specifications

Weight:	500.73 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500