

T491, Tantalum, MnO2 Tantalum, 470 uF, 20%, 10 VDC, SMD, MnO2, Molded, Large Case, 500 mOhms, 7360, Height Max = 3.8mm



General Information

Supplier:	KEMET
Series:	T491
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Large Case
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	3.6mm 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:	470 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85°C
Dissipation Factor:	12.00% 120Hz 20c
Failure Rate:	N/A
Resistance:	0.5 Ohms (100kHz)
Ripple Current:	632 mAmps (100kHz 25C), 568.8 mAmps (85C), 252.8 mAmps (125C)
Leakage Current:	47 uA (5min 20C)

Packaging Specifications

Weight:	803.76 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500