

T496, Tantalum, MnO2 Tantalum, Fused, 47 uF, 10%, 20 VDC, SMD, MnO2, Molded, Fused, N/A, 300 mOhms, 7343, Height Max = 4.3mm



General Information

Series:	T496
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Fused
Features:	Integral Fuse
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Shelf Life:	156 Weeks
MSL:	1

Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Specifications

Capacitance:	47 uF
Capacitance Tolerance:	10%
Voltage DC:	20 VDC (85C), 13.4 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	300 mOhms (100kHz)
Ripple Current:	742 mA (rms, 100kHz 25C), 667.8 mA (rms, 85C), 296.8 mA (rms, 125C)
Leakage Current:	9.4 uA (5min 20°C)

Packaging Specifications

Weight:	652.04 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500