

T491, Tantalum, MnO2 Tantalum, .47 uF, 10%, 50 VDC, SMD, MnO2, Molded, 9.5 Ohms, 3216, Height Max = 1.8mm



General Information

Series:	T491
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Shelf Life:	156 Weeks
MSL:	1

Dimensions

Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm

Specifications

Capacitance:	.47 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	4% 120Hz 20C
Failure Rate:	N/A
Resistance:	9.5 Ohms (100kHz)
Ripple Current:	280 mA (rms, 100kHz 25C), 252 mA (rms, 85C), 112 mA (rms, 125C)
Leakage Current:	0.5 uA (5min 20°C)

Packaging Specifications

Weight:	58.6 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2000