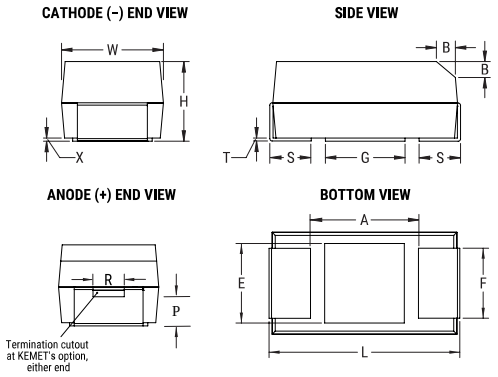
KEMET Part Number: T491X107M016AT

T491, Tantalum, MnO2 Tantalum, 100 uF, 20%, 16 VDC, SMD, MnO2, Molded, 700 mOhms, 7343, Height Max = 4.3mm



General Information	
Series:	T491
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Component Weight:	652.04 mg
Shelf Life:	156 Weeks
MSL:	1

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm 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:	100 uF
Capacitance Tolerance:	20%
Voltage DC:	16 VDC (85C), 10.72 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	0.7 Ohms (100kHz 25C)
Ripple Current:	486 mA (rms, 100kHz 25C), 437.4 mA (rms, 85C), 194.4 mA (rms, 125C)
Leakage Current:	16 uA (5min 25°C)

Packaging Specifications	
Packaging:	T&R, 178mm
Packaging Quantity:	500

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