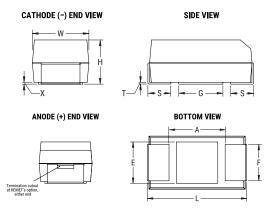
KEMET Part Number: T490T476M010ATE1K0



T490, Tantalum, MnO2 Tantalum, Consumer, 47 uF, 20%, 10 VDC, SMD, MnO2, Molded, Low Profile, Consumer, 1 Ohms, 3528, Height Max = 1.2mm



General Information	
Series:	T490
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Low Profile, Consumer
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Shelf Life:	156 Weeks
MSL:	1

Dimensions		
Footprint	3528	
L	3.5mm +/-0.2mm	
W	2.8mm +/-0.2mm	
Н	1.1mm +/-0.1mm	
Т	0.13mm REF	
S	0.8mm +0.2/-0.3mm	
F	2.2mm +/-0.1mm	
Α	1.9mm MIN	
E	2.2mm REF	
G	1.8mm REF	
Х	0.05mm REF	

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC (40C), 5 VDC (85C), 2 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	40°C
Humidity:	40C, 93% RH, 1000 Hours, No Load
Failure Rate:	N/A
Resistance:	1 Ohms (100kHz)
Ripple Current:	265 mAmps (100kHz 25C), 238.5 mAmps (40C), 106 mAmps (125C)
Leakage Current:	4.7 uA (5min 20°C)

Packaging Specifications	
Weight:	63.89 mg
Packaging:	T&R, 178mm
Packaging Quantity:	3000

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