

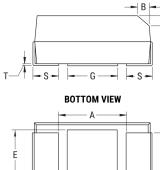
T490A476M010ATE1K2

General Information

T490, Tantalum, MnO2 Tantalum, Consumer, 47 uF, 20%, 10 VDC, SMD, MnO2, Molded, Consumer, 1.2 Ohms, 3216, Height Max = 1.8mm

CATHODE (-) END VIEW

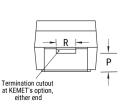


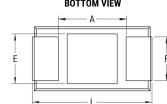


SIDE VIEW

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ANODE (+) END VIEW





Series	T490
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Consumer
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	58.6 mg
Shelf Life	156 Weeks
MSL	1

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	1.2 Ohms (100kHz 25C)
Ripple Current	250 mA (100kHz 25C), 225 mA (40C), 100 mA (125C)
Leakage Current	4.7 uA (5min 25°C)

Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Н	1.6mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	1.2mm +/-0.1mm
А	1.2mm MIN
В	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
Р	0.4mm REF
R	0.4mm REF
Х	0.1mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2000

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