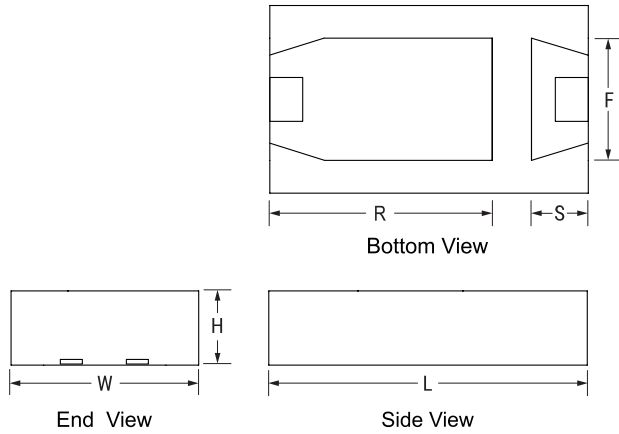


## T528Z477M2R5ATE012

T528, Tantalum, Polymer Tantalum, Reduced Volume, 470 uF, 20%, 2.5 VDC, SMD, Polymer, Low ESR, NonCombustible, Face Down, 12 mOhms, 1.7 mm, 2817 / 7343



Click [here](#) for the 3D model.

### General Information

Series	T528
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Low ESR, NonCombustible, Face Down
Features	Face Down, Low ESR
RoHS	Yes
Termination	Tin
Typical Component Weight	206.33 mg
Shelf Life	52 Weeks
MSL	3

### Dimensions

L	7.3mm +/-0.4mm
W	4.3mm +/-0.3mm
H	1.6mm +/-0.1mm
S	1.3mm +/-0.2mm
F	2.8mm +/-0.2mm
R	5mm +/-0.4mm

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	1000

### Specifications

Capacitance	470 uF
Tolerance	20%
Voltage DC	2.5 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Humidity	60C, 90% RH, no load, 500 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	12 mOhms (100kHz 25C)
Ripple Current	5200 mA (rms, 100kHz 45C), 3640 mA (rms, 85C), 1300 mA (rms, 105C)
Leakage Current	117.5 uA (5min 25°C)

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