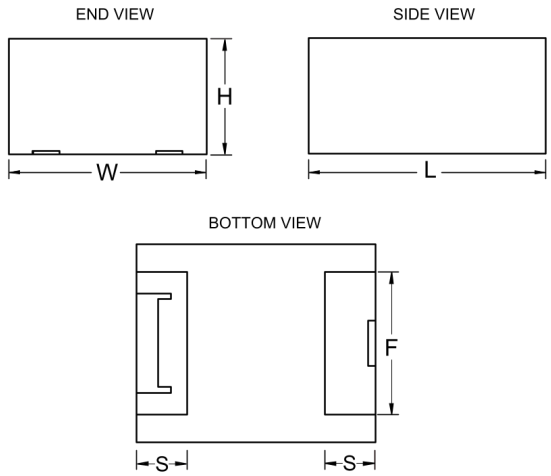
T523T476M016APE090

T523, Tantalum, Polymer Tantalum, Reduced Volume, 47 uF, 20%, 16 VDC, SMD, Polymer, Molded, Face Down Terminals, 90 mOhms, 3528, Height Max = 1.2mm



Click here for the 3D model.

Dimensions

Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.1mm +/-0.1mm
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	1000

General Information

Series	T523
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Face Down Terminals
Features	Face Down
RoHS	Yes
Termination	Nickel Palladium Gold
AEC-Q200	No
Component Weight	54.84 mg
Miscellaneous	.
Shelf Life	52 Weeks
MSL	4

Specifications

Capacitance	47 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC (85C)
Temperature Range	-55/+85°C
Rated Temperature	85°C
Life	2000 Hrs (85C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	90 mOhms (100kHz 25C)
Ripple Current	1080 mA (rms, 100kHz 45C), 756 mA (rms, 85C)
Leakage Current	75.2 uA (5min 25°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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