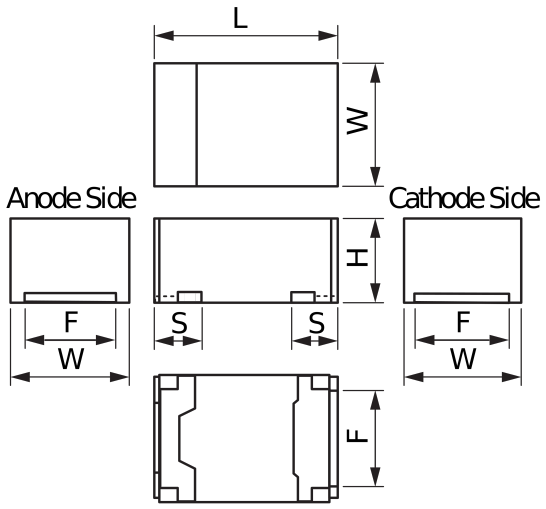
T527T156M025ATE100

Aliases (TEFPSB31E156M1008R)

T527, Tantalum, Polymer Tantalum, Reduced Volume, 15 uF, 20%, 25 VDC, SMD, Polymer, Molded, Face Down Terminals, 100 mOhms, 3528, 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	0.7mm +/-0.2mm
F	2.2mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	3000

General Information

Series	T527
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Face Down Terminals
Features	Face Down, Low Profile, Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	54.84 mg
Shelf Life	52 Weeks
MSL	3

Specifications

Capacitance	15 uF
Capacitance Tolerance	20%
Voltage DC	25 VDC (85C), 20 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Life	2000 Hrs (105C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	100 mOhms (100kHz 25C)
Ripple Current	866 mA (rms, 100kHz 45C), 606.2 mA (rms, 85C), 216.5 mA (rms, 105C)
Leakage Current	112.5 uA (5min 25°C)

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