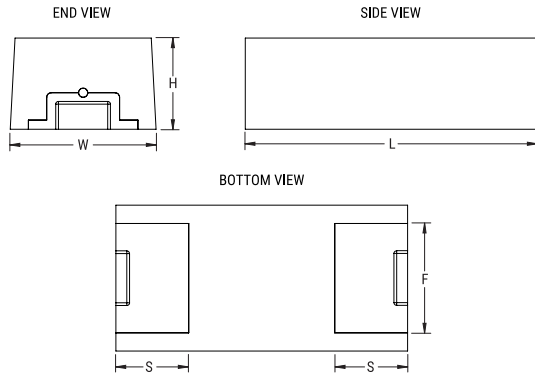


T527, Tantalum, Polymer Tantalum, Reduced Volume, 47 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Face Down Terminals, 200 mOhms, 3216, Height Max = 1mm



Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	0.9mm +/-0.1mm
S	0.8mm +/-0.2mm
F	1.2mm +/-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
Component Weight:	70.12 mg
Shelf Life:	52 Weeks
MSL:	3

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (85C), 5.04 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Life:	1000 Hrs (105C)
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	N/A
Resistance:	200 mOhms (100kHz 25C)
Ripple Current:	548 mA (rms, 100kHz 45C), 493.2 mA (rms, 85C), 219.2 mA (rms, 105C)
Leakage Current:	29.6 uA (5min 25°C)

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