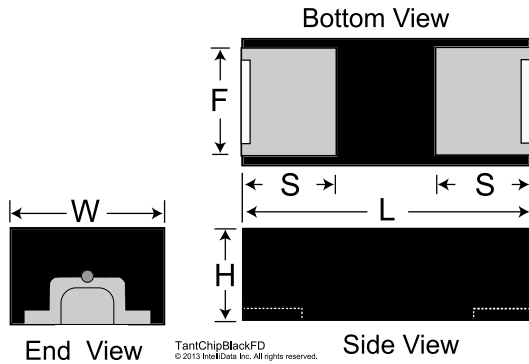


T527, Tantalum, Polymer Tantalum, Reduced Volume, 100 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Face Down Terminals, 100 mOhms, 3216, Height Max = 1mm



TantChipBlackFD
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General Information	
Supplier:	KEMET
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
Shelf Life:	52 Weeks
MSL:	3

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	
Weight:	70.12 mg
Packaging:	T&R, 178mm
Packaging Quantity:	3000

Specifications	
Capacitance:	100 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (85C), 5.04 VDC (105C)
Temperature Range:	-55/+105C
Rated Temperature:	85°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	8.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	100 mOhms (100kHz 25C)
Ripple Current:	775 mA (100kHz 45C), 697.5 mA (85C), 310 mA (105C)
Leakage Current:	63 uA (5min 25C)