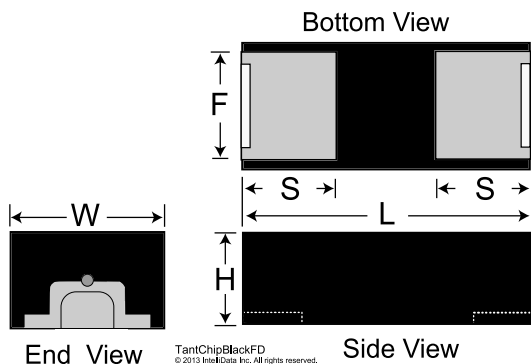


Tantalum, Polymer Tantalum, Reduced Volume, T527, 100 uF, 20%, 6.3 V, 3216, SMD, Polymer, Molded, Face Down Terminals, 100 mOhms, Height Max = 1mm



TantChipBlackFD  
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**General Information**

<b>Dielectric:</b>	Polymer Tantalum
<b>Style:</b>	SMD Chip
<b>Series:</b>	T527
<b>Description:</b>	SMD, Polymer, Molded, Face Down Terminals
<b>Features:</b>	Face Down, Low Profile, Low ESR
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin

**Dimensions**

<b>Footprint</b>	3216
<b>L</b>	3.2mm +/-0.2mm
<b>W</b>	1.6mm +/-0.2mm
<b>H</b>	0.9mm +/-0.1mm
<b>S</b>	0.8mm +/-0.2mm
<b>F</b>	1.2mm +/-0.1mm

**Packaging Specifications**

<b>Weight:</b>	70.12 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	3000

**Specifications**

<b>Capacitance:</b>	100 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	6.3 VDC (85C), 5.04 VDC (105C)
<b>Temperature Range:</b>	-55/+105C
<b>Dissipation Factor:</b>	8% 120Hz 25C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	100 mOhms (100kHz 25C)
<b>Current:</b>	775 mAmps (100kHz 45C), 697.5 mAmps (85C), 310 mAmps (105C)
<b>Leakage Current:</b>	63 uA (5min 25C)

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