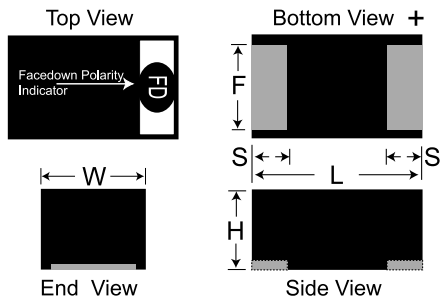


Tantalum, Polymer Tantalum, Reduced Volume, KEMET, T528, 270 uF, 20%, 2 V, 3528, SMD, Polymer, Low ESR, NonCombustible, Face Down, 9 mOhms, 2mm



General Information	
<b>Dielectric:</b>	Polymer Tantalum
<b>Style:</b>	SMD Chip
<b>Supplier:</b>	KEMET
<b>Series:</b>	T528
<b>Description:</b>	SMD, Polymer, Low ESR, NonCombustible, Face Down
<b>Features:</b>	Face Down, Low ESR
<b>RoHS:</b>	Yes
<b>Termination:</b>	Nickel Palladium Gold

Dimensions	
<b>Footprint</b>	3528
<b>L</b>	3.5mm +/-0.2mm
<b>W</b>	2.8mm +/-0.2mm
<b>H</b>	2mm MAX
<b>S</b>	0.8mm +/-0.2mm
<b>F</b>	2.2mm +/-0.2mm
<b>R</b>	0.8mm +/-0.4mm

Packaging Specifications	
<b>Weight:</b>	94.85 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	2000

Specifications	
<b>Capacitance:</b>	270 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	2 VDC (105C)
<b>Temperature Range:</b>	-55/+105C
<b>Dissipation Factor:</b>	8% 120Hz 25C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	9 mOhms (100kHz 25C)
<b>Current:</b>	3200 mAmps (100kHz 45C), 2240 mAmps (85C), 1520 mAmps (105C)
<b>Leakage:</b>	54 uAmps (5min 5C)