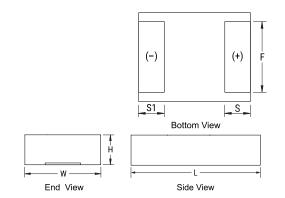
KEMET Part Number: T528B277M002APE006



T528, Tantalum, Polymer Tantalum, Reduced Volume, 270 uF, 20%, 2 VDC, SMD, Polymer, Low ESR, NonCombustible, Face Down, 6 mOhms, 3528, Height Max = 2mm



Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	2mm MAX
S	0.8mm +/-0.2mm
S1	0.8mm +/-0.4mm
F	2.2mm +/-0.2mm

Packaging Specifications		
Weight:	94.85 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

General Information		
Supplier:	KEMET	
Series:	T528	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Low ESR, NonCombustible, Face Down	
Features:	Face Down, Low ESR	
RoHS:	Yes	
Termination:	Nickel Palladium Gold	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	270 uF	
Capacitance Tolerance:	20%	
Voltage DC:	2 VDC (105C)	
Temperature Range:	-55/+105C	
Rated Temperature:	105C	
Dissipation Factor:	8.00% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	6 mOhms (100kHz 25C)	
Ripple Current:	3900 mAmps (100kHz 45C), 2730 mAmps (85C), 975 mAmps (105C)	
Leakage Current:	54 uA (5min 25C)	

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