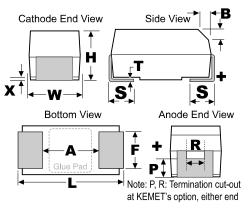
## KEMET Part Number: T521B156M016ATE090



Tantalum, Polymer Tantalum, T521, 15 uF, 20%, 16 V, 3528, SMD, Polymer, Molded, Low ESR, Non-Combustible, 90 mOhms, Height Max = 2.1mm



Dimensions		
Footprint	3528	
L	3.5mm +/-0.2mm	
W	2.8mm +/-0.2mm	
Н	1.9mm +/-0.2mm	
Т	0.13mm REF	
S	0.8mm +/-0.3mm	
F	2.2mm +/-0.1mm	
Α	1.9mm MIN	
В	0.4mm +/-0.15mm	
Р	0.5mm REF	

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

1mm REF

0.1mm +/-0.1mm

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General Information	
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T521
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible
Features:	Low ESR, High Voltage
RoHS:	Yes
Termination:	Tin

Specifications		
Capacitance:	15 uF	
Capacitance Tolerance:	20%	
Voltage DC:	16 VDC (105C)	
Temperature Range:	-55/+105C	
Dissipation Factor:	8% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	90 mOhms (100kHz 25C)	
Current:	1200 mAmps (100kHz 45C), 840 mAmps (85C), 300 mAmps (105C)	
Leakage Current:	24 uA (5min 25C)	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

