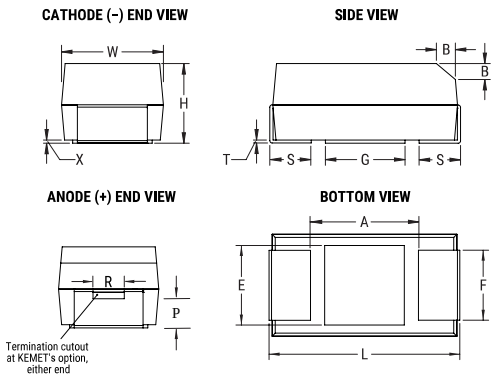
KEMET Part Number: T491B105K025AT

T491, Tantalum, MnO2 Tantalum, 1 uF, 10%, 25 VDC, SMD, MnO2, Molded, 5 Ohms, 3528, Height Max = 2.1mm



General Information	
Series:	T491
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Shelf Life:	156 Weeks
MSL:	1

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.1/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC (85C), 16.75 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	4% 120Hz 20C
Failure Rate:	N/A
Resistance:	5 Ohms (100kHz)
Ripple Current:	130 mA (rms, 100kHz 25C), 117 mA (rms, 85C), 52 mA (rms, 125C)
Leakage Current:	0.5 uA (5min 20°C)

Packaging Specifications	
Weight:	107.45 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2000

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