

T491S105K025AT

T491, Tantalum, MnO2 Tantalum, Commercial Grade, 1 uF, 10%, 25 VDC, SMD, MnO2, Molded, Low Profile, 18 Ohms, 3216, 1.2 mm, 0.8 mm

CATHODE (-) END VIEW SIDE VIEW W Н s -- | - s -— G -Termination cutout at KEMET's option, either end BOTTOM VIEW ANODE (+) END VIEW - A pad



Dimensions

L

W

н

Т s

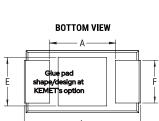
F

А

Е

G

Х



3.2mm +/-0.2mm

1.6mm +/-0.2mm

1.1mm +/-0.1mm 0.13mm REF

1.2mm +/-0.1mm

1.2mm MIN

1.3mm REF

1.1mm REF

0.1mm REF

0.8mm +0.2/-0.3mm

Click here for the 3D model.

General Information	
Series	T491
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low Profile
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	41.42 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	1uF
Tolerance	10%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	18 Ohms (100kHz 25C)
Ripple Current	58 mA (rms, 100kHz 25C), 52.2 mA (rms, 85C), 23.2 mA (rms, 125C)
Leakage Current	0.5 uA (5min 25°C)

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2500

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