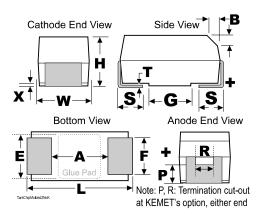
## **KEMET Part Number: T491A105M035AT**

(B45196H6105M109)



T491, Tantalum, MnO2 Tantalum, 1 uF, 20%, 35 V, 3216, SMD, MnO2, Molded, 7 Ohms, Height Max = 1.8mm



Dimensions		
Footprint	3216	
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Н	1.6mm +/-0.2mm	
Т	0.13mm REF	
S	0.8mm +0.2/-0.3mm	
F	1.2mm +/-0.1mm	
A	1.2mm MIN	
В	0.4mm +/-0.15mm	
E	1.3mm REF	
G	1.1mm REF	
Р	0.4mm REF	
R	0.4mm REF	
X	0.1mm +/-0.1mm	

Packaging Specifications		
Weight:	58.6 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

General Information		
Supplier:	KEMET	
Series:	T491	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded	
RoHS:	Yes	
Termination:	Tin	

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	20%	
Voltage DC:	35 VDC (85C), 23.45 VDC (125C)	
Temperature Range:	-55/+125C	
Rated Temperature:	85C	
Dissipation Factor:	4% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	7 Ohms (100kHz)	
Current:	100 mAmps (100kHz 25C), 90 mAmps (85C), 40 mAmps (125C)	
Leakage Current:	0.5 uA (5min 20C)	

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