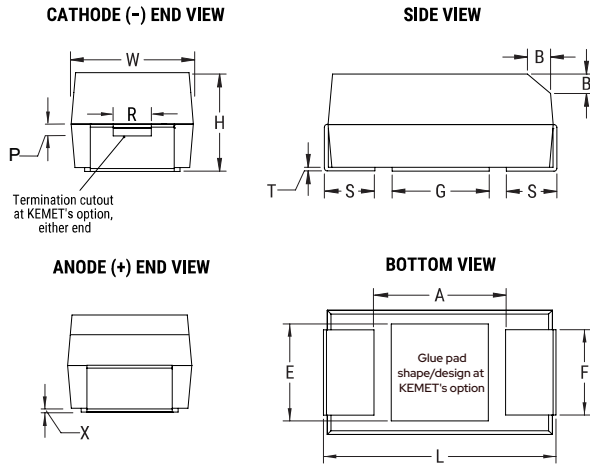


## T491C475K016AT

T491, Tantalum, MnO<sub>2</sub> Tantalum, Commercial Grade, 4.7 uF, 10%, 16 VDC, SMD, MnO<sub>2</sub>, Molded, 2.4 Ohms, 2.8 mm, 2312 / 6032



Click [here](#) for the 3D model.

### General Information

Series	T491
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	224.48 mg
Shelf Life	156 Weeks
MSL	1

### Specifications

Capacitance	4.7 uF
Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	2.4 Ohms (100kHz 25C)
Ripple Current	214 mA (rms, 100kHz 25C), 192.6 mA (rms, 85C), 85.6 mA (rms, 125C)
Leakage Current	0.8 uA (5min 25°C)

### Dimensions

L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.9mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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.