

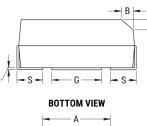
T491C106M016AH7280

T491, Tantalum, MnO2 Tantalum, 10 uF, 20%, 16 VDC, SMD, MnO2, Molded, 1.8 Ohms, 6032, Height Max = 2.8mm

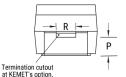
CATHODE (-) END VIEW

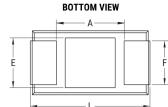


ANODE (+) END VIEW



SIDE VIEW





It	KEM	ET'	s oj	otio	n,
	eit	ther	en	h	

Click here for the 3D model.

Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	2.5mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
А	2.9mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Т

Packaging Specifications			
Packaging	T&R, 330mm		
Packaging Quantity	3000		

General Information				
Series	T491			
Dielectric	MnO2 Tantalum			
Style	SMD Chip			
Description	SMD, MnO2, Molded			
RoHS	No			
Prop 65	WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.			
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa			
Termination	Solder Coated			
AEC-Q200	No			
Component Weight	224.48 mg			
Shelf Life	156 Weeks			
MSL	1			

Specifications				
Capacitance	10 uF			
Capacitance Tolerance	20%			
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			
Resistance	1.8 Ohms (100kHz 25C)			
Ripple Current	247 mA (rms, 100kHz 25C), 222.3 mA (rms, 85C), 98.8 mA (rms, 125C)			
Leakage Current	1.6 uA (5min 25°C)			

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.