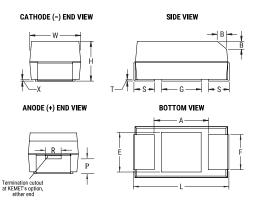
## KEMET Part Number: T491D685K050AT



T491, Tantalum, MnO2 Tantalum, 6.8 uF, 10%, 50 VDC, SMD, MnO2, Molded, 800 mOhms, 7343, Height Max = 3.1mm



Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	2.8mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
Α	3.6mm MIN
В	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

Packaging Specifications		
Weight:	446.84 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

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

Specifications		
Capacitance:	6.8 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	0.8 Ohms (100kHz)	
Ripple Current:	387 mA (rms, 100kHz 25C), 348.3 mA (rms, 85C), 154.8 mA (rms, 125C)	
Leakage Current:	3.4 uA (5min 20°C)	

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