

## T140B685K050AS7200

Aliases (T140B685K050AS7241, T140B685K050ASTR)

T140, Tantalum, MnO<sub>2</sub> Tantalum, Commercial Grade, 6.8 uF, 10%, 50 VDC, 2 Ohms



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

### Dimensions

D	4.7mm +/-0.25mm
L	12.04mm +/-0.79mm
L2	15.49mm
LL	38.1mm +/-6.35mm
F	0.51mm +/-0.05mm

### Packaging Specifications

Packaging	T&R, 305mm, Class I, B = 52.4mm
Packaging Quantity	2500

### General Information

Series	T140
Dielectric	MnO <sub>2</sub> Tantalum
Style	Axial Hermetic
Description	Axial, Solid Tantalum, Hermetically Sealed, Military (Non-ER), Polar
Features	Extended Capacitance, Polar
RoHS	No
Prop 65	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> .
SCIP Number	be146961-2c72-4b45-804a-c62bf7a8b23e
Termination	Lead (SnPb)
Lead	Wire Leads
AEC-Q200	No
Construction	Hermetic
Notes	Dimensions Include Insulating Sleeve. When supplied on T&R or AMMO, lead length is determined by taping specification.

### Specifications

Capacitance	6.8 uF
Capacitance Tolerance	10%
Voltage DC	50 VDC (85C), 40 VDC (125C Surge), 0.5 VDC (125C Reverse)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	4%
Resistance	2 Ohms (100kHz)
Leakage Current	2.5 uA (25°C)

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