



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

General Information

Series	T581
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Military Equivalent
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov .
Termination	Tin Lead (SnPb)
AEC-Q200	No
Typical Component Weight	410.89 mg
Shelf Life	52 Weeks
MSL	3

Specifications

Capacitance	47 uF
Capacitance Tolerance	20%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	10% 120Hz 25C
Failure Rate	A (Non-ER)
ESR	80 mOhms (100kHz 25C)
Ripple Current	2236 mA (rms, 100kHz 45C)
Leakage Current	165 uA (5min 25°C)

Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.4mm
S	1.3mm +/-0.3mm
F	2.4mm +/-0.2mm
K	1.98mm MIN

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500