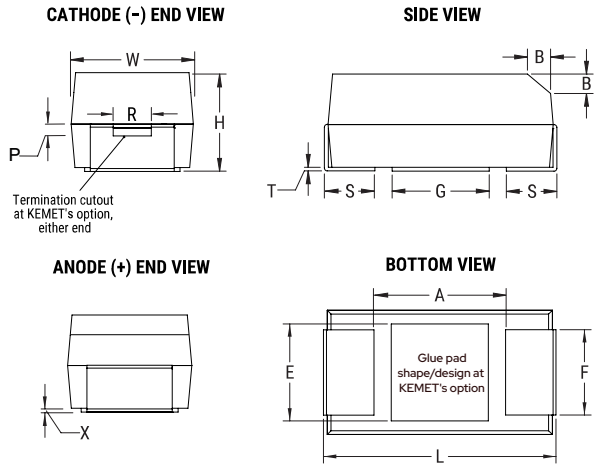
T541X108M004BT8505

T541 HRA, Tantalum, Polymer Tantalum, HRA Multi-Anode, 1,000 uF, 20%, 4 VDC, SMD, Polymer, Molded, High Reliability, Multi-Anode, Low ESR, B (0.1%/1000 Hrs), 12 mOhms, 4.3 mm, 2817 / 7343



Click here for the 3D model.

General Information	
Series	T541 HRA
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, High Reliability, Multi-Anode, Low ESR
Features	Non-Combustible, Multiple Anode, Low ESR, High Reliability
RoHS	Yes
Termination	Tin
Typical Component Weight	410.89 mg
Shelf Life	52 Weeks
MSL	3

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Specifications	
Capacitance	1,000 uF
Tolerance	20%
Voltage DC	4 VDC (105C), 2.68 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Life	2000 Hrs (125C)
Humidity	85C, 85% RH, 1000 Hours, rated voltage
Dissipation Factor	10% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
ESR	12 mOhms (100kHz 25C)
Ripple Current	4743 mA (rms, 100kHz 45C)
Leakage Current	400 uA (5min 25°C)
Testing and Reliability	4 Cycles At 25C +/-5C & Improved Humidity Capability

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500