

## T540D476M016BH6610

T540 HRA, Tantalum, Polymer Tantalum, HRA, 47 uF, 20%, 16 VDC, SMD, Polymer, Molded, High Reliability, B (0.1%/1000 Hrs), 65 mOhms, 7343, Height Max = 3.1mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

### General Information

Series	T540 HRA
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, High Reliability
Features	Non-Combustible, Low ESR, High Reliability
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	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Solder Coated
AEC-Q200	No
Component Weight	352.36 mg
Shelf Life	52 Weeks
MSL	3

### Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-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	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

### Specifications

Capacitance	47 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC (105C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Humidity	60C, 90% RH, 500 Hours, rated voltage
Dissipation Factor	10% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
Resistance	65 mOhms (100kHz 25C)
Ripple Current	1861 mA (rms, 100kHz 45C)
Leakage Current	76 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At +25C +/- 5C After Voltage Aging

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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