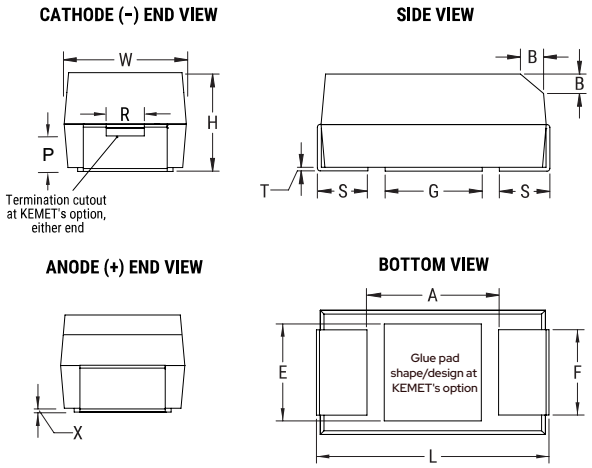
T540B686K006DH8710WAFL

T540 HRA, Tantalum, Polymer Tantalum, HRA, 68 uF, 10%, 6.3 VDC, SMD, Polymer, Molded, High Reliability, D (0.001%/1000 Hrs), 80 mOhms, 2.1 mm, 1411 / 3528



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	**WARNING:** Cancer and reproductive harm - https://www.p65warnings.ca.gov./
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Tin Lead (SnPb)
Typical Component Weight	98.3 mg
Shelf Life	52 Weeks
MSL	3

Dimensions	
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Packaging Specifications	
Packaging	Waffle

Specifications	
Capacitance	68 uF
Tolerance	10%
Voltage DC	6.3 VDC (105C), 4.22 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	8% 120Hz 25C
Failure Rate	D (0.001%/1000 Hrs)
ESR	80 mOhms (100kHz 25C)
Ripple Current	1260 mA (rms, 100kHz 45C)
Leakage Current	43 uA (5min 25°C)
Testing and Reliability	10 Cycles At -55C +0C/-5C and 85C +/-5C & Improved Humidity Capability

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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