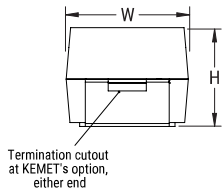


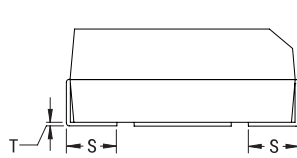
T521T336M016AHE045

T521, Tantalum, Polymer Tantalum, Commercial Grade, 33 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 45 mOhms, 1.2 mm, 0.8 mm, 1411 / 3528

CATHODE (-) END VIEW



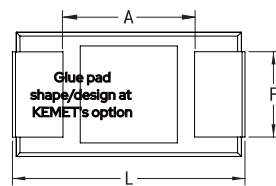
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

General Information

Series	T521
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible
Features	Low ESR, High Voltage
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)
AEC-Q200	No
Typical Component Weight	54.84 mg
Shelf Life	52 Weeks
MSL	3

Dimensions

L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.1mm +/-0.1mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
X	0.05mm REF

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	3000

Specifications

Capacitance	33 uF
Tolerance	20%
Voltage DC	16 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs (105C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
ESR	45 mOhms (100kHz 25C)
Ripple Current	1890 mA (rms, 100kHz 45C), 1323 mA (rms, 85C), 472.5 mA (rms, 105C)
Leakage Current	52.8 uA (5min 25°C)

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.