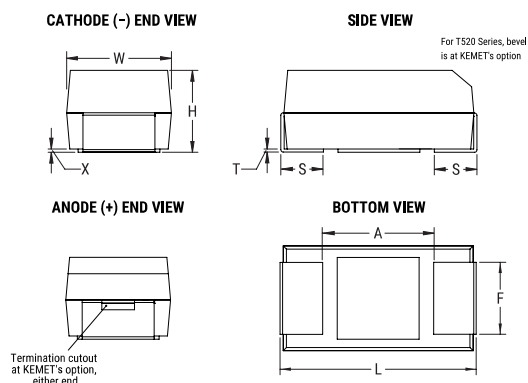


T521, Tantalum, Polymer Tantalum, 6.8 uF, 20%, 35 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 90 mOhms, 3528, Height Max = 1.2mm



Dimensions

Footprint	3528
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

Weight:	54.84 mg
Packaging:	T&R, 178mm
Packaging Quantity:	3000

General Information

Series:	T521
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible
Features:	Low ESR, High Voltage
RoHS:	Yes
Termination:	Nickel Palladium Gold
AEC-Q200:	No
Shelf Life:	52 Weeks
MSL:	3

Specifications

Capacitance:	6.8 uF
Capacitance Tolerance:	20%
Voltage DC:	35 VDC (105C), 23.45 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	90 mOhms (100kHz 25C)
Ripple Current:	1100 mA (rms, 100kHz 45C), 770 mA (rms, 85C), 275 mA (rms, 125C)
Leakage Current:	23.8 uA (5min 25°C)