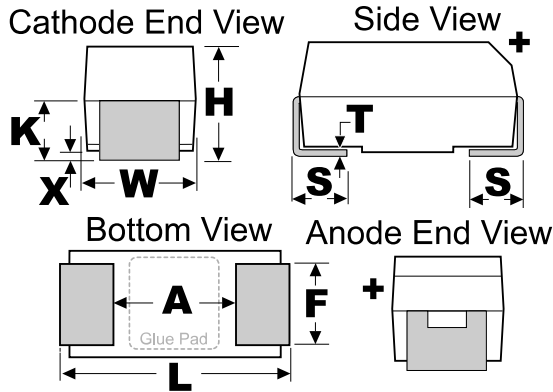Tantalum, Polymer Tantalum, T520, 33 uF, 20%, 10 V, 3528, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 40 mOhms, Height Max = 1.2mm

Cathode End View

Side View

Bottom View

Anode End View

General Information

Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T520
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible
Features:	Low ESR
RoHS:	Yes
Termination:	Tin

Specifications

Capacitance:	33 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC (105C)
Temperature Range:	-55/+105C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	40 mOhms (100kHz 25C)
Current:	1600 mAmps (100kHz 45C), 1120 mAmps (85C), 400 mAmps (105C)
Leakage Current:	33 uA (5min 25C)

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:	2500