

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



General Information	
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T521
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible
Features:	Low ESR, High Voltage
RoHS:	Yes
Termination:	Nickel Palladium Gold

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	1.1mm MIN
X	0.05mm REF

Specifications	
Capacitance:	6.8 uF
Capacitance Tolerance:	20%
Voltage DC:	35 VDC (105C), 23.45 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	90 mOhms (100kHz 25C)
Current:	1100 mAmps (100kHz 45C), 770 mAmps (85C), 275 mAmps (125C)
Leakage:	23.8 uAmps (5min 5C)

Packaging Specifications	
Weight:	54.84 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2500