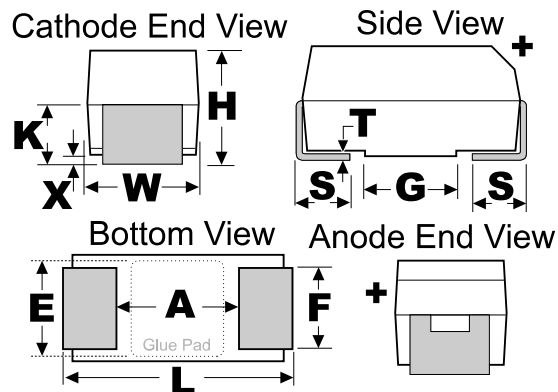


Tantalum, MnO₂ Tantalum, Consumer, T490, 68 uF, 20%, 6.3 V, 3528, SMD, MnO₂, Molded, Low Profile, Consumer, 600 mOhms, Height Max = 1.2mm



Dimensions

Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.2mm MAX
T	0.13mm REF
S	0.8mm +0.1/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
E	2.2mm REF
G	1.8mm REF
X	0.05mm REF

Packaging Specifications

Weight:	63.89 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2500

General Information

Dielectric:	MnO ₂ Tantalum
Style:	SMD Chip
Series:	T490
Description:	SMD, MnO ₂ , Molded, Low Profile, Consumer
Features:	Low Profile
RoHS:	Yes
Termination:	Tin

Specifications

Capacitance:	68 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (40C), 3.15 VDC (85C), 1.26 VDC (125C)
Temperature Range:	-55/+125C
Failure Rate:	N/A
Resistance:	0.6 Ohms (100kHz)
Current:	342 mAmps (100kHz 25C), 307.8 mAmps (40C), 136.8 mAmps (125C)
Leakage Current:	4.1 uAmps (5min 20C)