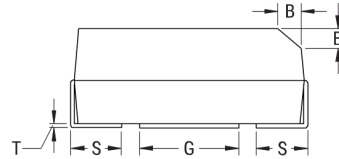# T493B105K025CH611C

T493 Space, Tantalum, MnO2 Tantalum, Space, 1 uF, 10%, 25 VDC, SMD, MnO2, Molded, Aerospace, C (0.01%/1000 Hrs), 5 Ohms, 3528, Height Max = 2.1mm
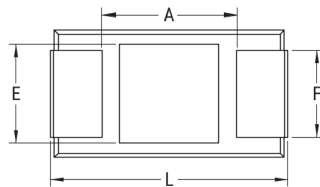
CATHODE (-) END VIEW

SIDE VIEW

ANODE (+) END VIEW

BOTTOM VIEW

Click here for the 3D model.

Dimensions

Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.1mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
K	0.7mm MIN
P	0.35mm MIN
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

General Information

Series	T493 Space
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Aerospace
Features	Aerospace
RoHS	No
Prop 65	⚠ **WARNING:** Cancer and reproductive harm - http://www.p65warnings.ca.gov.
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Solder Coated
AEC-Q200	No
Component Weight	102.3 mg
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).

Specifications

Capacitance	1 uF
Capacitance Tolerance	10%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	4% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
Resistance	5 Ohms (100kHz 25C)
Ripple Current	130 mA (rms, 100kHz 25C)
Leakage Current	0.5 uA (5min 25°C)
Testing and Reliability	Standard Testing Only