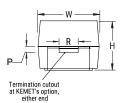


T493C106K025CC611B

T493 Space, Tantalum, MnO2 Tantalum, Space, 10 uF, 10%, 25 VDC, SMD, MnO2, Molded, Aerospace, C (0.01%/1000 Hrs), 1.5 Ohms, 6032, 2.8 mm, 1.3 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW

BOTTOM VIEW

SIDE VIEW

Click here for the 3D model.

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 - https://www.p65warnings.ca.gov /
SCIP Number	652b281f-d242-4453-bc44-06 55d646cec3
Termination	Hot Solder Dipped
AEC-Q200	No
Typical Component Weight	224.2 mg
Notes	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).

Dimensions	
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	2.5mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
Α	3.1mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
К	1mm MIN
Р	0.5mm MIN
R	1mm REF
Х	0.1mm +/-0.1mm REF

Specifications	
Capacitance	10 uF
Tolerance	10%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	1.5 Ohms (100kHz 25C)
Ripple Current	271 mA (rms, 100kHz 25C)
Leakage Current	2.5 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

Packaging Specifications Packaging T&R, 178mm Packaging Quantity 500

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