

T493X157K010CB622A

T493 Space, Tantalum, MnO₂ Tantalum, Space, 150 uF, 10%, 10 VDC, SMD, MnO₂, Molded, Aerospace, C (0.01%/1000 Hrs), 150 mOhms, 7343, 4.3 mm, 1.3 mm



Click [here](#) for the 3D model.

General Information

Series	T493 Space
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Aerospace
Features	Aerospace
RoHS	Yes
Termination	Gold
AEC-Q200	No
Typical Component Weight	654.04 mg

Specifications

Capacitance	150 uF
Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	0.15 Ohms (100kHz 25C)
Ripple Current	1049 mA (rms, 100kHz 25C)
Leakage Current	15 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At +25C After Weibull; Additional Testing Option A

Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.