

T493 Space, Tantalum, MnO2 Tantalum, Space, 10 uF, 20%, 10 VDC, SMD, MnO2, Molded, Aerospace, C (0.01%/1000 Hrs), 1.8 Ohms, 3216, Height Max = 1.8mm



Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
A	1.4mm MIN
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
K	0.7mm MIN
P	0.35mm MIN
R	0.4mm 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 - www.p65warnings.ca.gov .
Termination:	Solder Coated
AEC-Q200:	No
Component Weight:	58.97 mg
Notes:	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).

Specifications	
Capacitance:	10 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	C (0.01%/1000 Hrs)
Resistance:	1.8 Ohms (100kHz 20C)
Leakage Current:	1 uA (5min 20°C)
Testing and Reliability:	10 Cycles Surge Current Testing At +25C After Weibull; Additional Testing Option A

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