

T497 Space, Tantalum, MnO2 Tantalum, Space, 10 uF, 10%, 10 VDC, SMD, MnO2, Molded, Aerospace, Medical, C (0.01%/1000 Hrs), 1.3 Ohms, 3825, Height Max = 1.65mm



Dimensions	
Footprint	3825
L	3.81mm +/-0.38mm
W	2.54mm +/-0.38mm
H	1.27mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	2.41mm +0.13/-0.25mm
K	0.76mm MIN
P	0.38mm MIN

Packaging Specifications	
Packaging:	T&R, 178mm
Packaging Quantity:	2500

General Information	
Series:	T497 Space
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Aerospace, Medical
Features:	Aerospace, Medical
RoHS:	No
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov .
SCIP Number:	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination:	Solder Coated
AEC-Q200:	No
Component Weight:	264.12 mg
Notes:	Note: When solder coated terminations are required, add an additional 0.38mm (0.015inch) to the tolerances for "L", "W", "H", "K", "F" and "S".

Specifications	
Capacitance:	10 uF
Capacitance Tolerance:	10%
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:	1.3 Ohms (100kHz 20C)
Leakage Current:	1 uA (5min 20°C)
Testing and Reliability:	10 Cycles Surge Testing At -55C And +85C Before And After Weibull; Additional Testing Option A

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