

T497H685M035CC611A

T497 Space, Tantalum, MnO₂ Tantalum, Space, 6.8 uF, 20%, 35 VDC, SMD, MnO₂, Molded, Aerospace, Medical, C (0.01%/1000 Hrs), 1.3 Ohms, 7238, 3.17 mm, 1.27 mm



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

General Information

Series	T497 Space
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Aerospace, Medical
Features	Aerospace, Medical
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
SCIP Number	573c56ea-c4cc-4850-b749-53802fe9068f
Termination	Hot Solder Dipped
AEC-Q200	No
Typical Component Weight	349.01 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".

Dimensions

L	7.24mm +/-0.38mm
W	3.81mm +/-0.38mm
H	2.79mm +/-0.38mm
S	1.27mm +0.25/-0.13mm
F	3.68mm +0.13/-0.51mm
K	1.52mm MIN
P	0.76mm MIN

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

Specifications

Capacitance	6.8 uF
Tolerance	20%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	1.3 Ohms (100kHz 25C)
Ripple Current	340 mA (rms, 100kHz 25C)
Leakage Current	3 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

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