

T496C475M025AH4095

Aliases (DLA Drawing 04053-070Z)

T496 HRA, Tantalum, MnO2 Tantalum, HRA, 4.7 uF, 20%, 25 VDC, SMD, MnO2, Molded, Military, Fused, High Reliability, A (Non-ER), 2.5 Ohms, 2.8 mm, 2312 / 6032



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

General Information

Series	T496 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Military, Fused, High Reliability
Features	Internal Fuse, High Reliability
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Tin Lead (SnPb)
Typical Component Weight	224.48 mg

Dimensions

L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	3.1mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Specifications

Capacitance	4.7 uF
Tolerance	20%
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	A (Non-ER)
ESR	2500 mOhms (100kHz 25C)
Ripple Current	210 mA (rms, 100kHz 25C)
Leakage Current	1.2 uA (5min 25°C)
Testing and Reliability	Tested To Meet The Established Reliability

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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