

T495A225K016AHA2K5

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 2.2 uF, 10%, 16 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 2.5 Ohms, 1.8 mm, 1206 / 3216



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

General Information

Series	T495 Auto
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200
Features	Low ESR, Automotive
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)
Qualifications	AEC-Q200
Typical Component Weight	58.6 mg

Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm REF

Specifications

Capacitance	2.2 uF
Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	2500 mOhms (100kHz 25C)
Ripple Current	173 mA (rms, 100kHz 25C), 155.7 mA (rms, 85C), 69.2 mA (rms, 125C)
Leakage Current	0.5 uA (5min 25°C)

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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