

T495C686K016ATA250

T495 Auto, Tantalum, MnO₂ Tantalum, Commercial Grade, 68 uF, 10%, 16 VDC, SMD, MnO₂, Molded, Low ESR, Auto, AEC-Q200, 250 mOhms, 2.8 mm, 2312 / 6032



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General Information

Series	T495 Auto
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Low ESR, Auto, AEC-Q200
Features	Low ESR, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
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	2.9mm 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	68 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	250 mOhms (100kHz 25C)
Ripple Current	663 mA (rms, 100kHz 25C), 596.7 mA (rms, 85C), 265.2 mA (rms, 125C)
Leakage Current	10.9 uA (5min 25°C)

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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