

T495D476M025ATA120

T495 Auto, Tantalum, MnO₂ Tantalum, Commercial Grade, 47 uF, 20%, 25 VDC, SMD, MnO₂, Molded, Low ESR, Auto, AEC-Q200, 120 mOhms, 7343, 3.1 mm, 1.3 mm



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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
AEC-Q200	Yes
Typical Component Weight	446.84 mg

Specifications

Capacitance	47 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	N/A
ESR	120 mOhms (100kHz 25C)
Ripple Current	1118 mA (rms, 100kHz 25C), 1006.2 mA (rms, 85C), 447.2 mA (rms, 125C)
Leakage Current	11.8 uA (5min 25°C)

Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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