

T489A106K010ATA1K8

T489 Auto, Tantalum, MnO₂ Tantalum, Commercial Grade, 10 uF, 10%, 10 VDC, SMD, MnO₂, Molded, Low Leakage, Auto, AEC-Q200, 1.8 Ohms, 3216, 1.8 mm, 0.8 mm



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General Information

Series	T489 Auto
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Low Leakage, Auto, AEC-Q200
Features	Low Leakage, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	58.6 mg

Specifications

Capacitance	10 uF
Tolerance	10%
Voltage DC	10 VDC (85°C), 6.7 VDC (125°C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	1800 mOhms (100kHz 25C)
Ripple Current	204 mA (rms, 100kHz 25C)
Leakage Current	0.8 uA (5min 25°C)

Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-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

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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