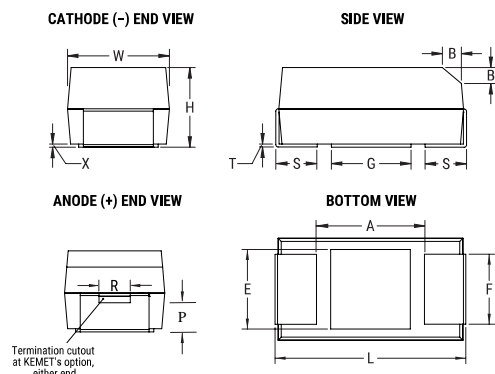


T499, Tantalum, MnO₂ Tantalum, High Temperature, 10 μ F, 10%, 35 VDC, SMD, MnO₂, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 1 Ohms, 7343, Height Max = 3.1mm



Dimensions

Footprint	7343
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	3.8mm 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

Packaging Specifications

Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information

Series:	T499
Dielectric:	MnO ₂ Tantalum
Style:	SMD Chip
Description:	SMD, MnO ₂ , Molded, Hi-Temp, 175C, Auto, AEC-Q200
Features:	Automotive, 175C
RoHS:	Yes
Termination:	Tin
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	446.84 mg
Shelf Life:	156 Weeks
MSL:	1

Specifications

Capacitance:	10 μ F
Capacitance Tolerance:	10%
Voltage DC:	35 VDC (85C), 27.22 VDC (125C), 17.5 VDC (175C)
Temperature Range:	-55/+175°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	N/A
Resistance:	1000 mOhms (100kHz 25C)
Ripple Current:	387 mA (rms, 100kHz 25C), 348.3 mA (rms, 85C), 77.4 mA (rms, 175C)
Leakage Current:	3.5 μ A (5min 25°C)