

T498, Tantalum, MnO2 Tantalum, High Temperature, 47 uF, 10%, 35 VDC, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 500 mOhms, 7343, Height Max = 4.3mm



Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-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	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Weight:	652.04 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information

Supplier:	KEMET
Series:	T498
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200
Features:	Automotive, 150C
RoHS:	Yes
Termination:	Tin
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Shelf Life:	156 Weeks
MSL:	1

Specifications

Capacitance:	47 uF
Capacitance Tolerance:	10%
Voltage DC:	35 VDC (85C), 27.89 VDC (125C), 17.5 VDC (150C)
Temperature Range:	-55/+150C
Rated Temperature:	85C
Dissipation Factor:	6.00% 120Hz 20C
Failure Rate:	N/A
Resistance:	500 mOhms (100kHz)
Ripple Current:	574 mAmps (100kHz 25C), 516.6 mAmps (85C), 172.2 mAmps (150C)
Leakage Current:	16.5 uA (5min 20C)