

KEMET Part Number: T498D106K050ATE1K0
(T498D106K050ASE1K0)



Tantalum, MnO2 Tantalum, High Temperature, KEMET, T498, 10 uF, 10%, 50 V, 7343, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 1 Ohms, 3.1mm



General Information	
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Supplier:	KEMET
Series:	T498
Description:	SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200
Features:	High Temperature, Automotive
RoHS:	Yes
Termination:	Tin
AEC-Q200:	Yes

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

Specifications	
Capacitance:	10 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC (85C), 39.85 VDC (125C), 33.5 VDC (150C)
Temperature Range:	-55/+150C
Dissipation Factor:	6%
Failure Rate:	N/A
Resistance:	1000 mOhms (100kHz)
Current:	387 mAmps (25C), 348.3 mAmps (85C), 116.1 mAmps (150C)
Leakage:	5 uAmps

Packaging Specifications	
Weight:	446.84 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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