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General Information

Series	T490
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low Profile, Consumer
RoHS	Yes
Termination	Tin
Typical Component Weight	63.89 mg
Shelf Life	156 Weeks
MSL	1

Dimensions	
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.1mm +/-0.1mm
T	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
E	2.2mm REF
G	1.8mm REF
X	0.05mm REF

Specifications	
Capacitance	47 uF
Tolerance	20%
Voltage DC	10 VDC (40C), 5 VDC (85C), 2 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	40°C
Humidity	40C, 93% RH, 1000 Hours, No Load
Failure Rate	N/A
ESR	1 Ohms (100kHz 25C)
Ripple Current	265 mAmps (100kHz 25C), 238.5 mAmps (40C), 106 mAmps (125C)
Leakage Current	4.7 uA (5min 25°C)

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2500

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