

Tantalum, Polymer Tantalum, T598, 47 uF, 20%, 25 V, 7343, SMD, Polymer, Molded, Low ESR, AEC-Q200, 60 mOhms, Height Max = 3.1mm



General Information	
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T598
Description:	SMD, Polymer, Molded, Low ESR, AEC-Q200
Features:	Automotive
RoHS:	Yes
Termination:	Tin
Approvals:	AEC-Q200
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
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	25 VDC (105C), 16.75 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	60 mOhms (100kHz 25C)
Current:	1936 mAmps (100kHz 45C), 1742.4 mAmps (85C), 484 mAmps (125C)
Leakage Current:	117.5 uAmps (5min 25C)

Packaging Specifications	
Weight:	434.83 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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