

T599, Tantalum, Polymer Tantalum, 150 uF, 20%, 6 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 45 mOhms, 7343, Height Max = 3.1mm



General Information	
Series:	T599
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low ESR, AEC-Q200
Features:	Automotive
RoHS:	Yes
Termination:	Tin
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Shelf Life:	52 Weeks
MSL:	3

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:	150 uF
Capacitance Tolerance:	20%
Voltage DC:	6 VDC (105C), 4.02 VDC (150C)
Temperature Range:	-55/+150°C
Rated Temperature:	105°C
Humidity:	85C, 85% RH, load, 1000 Hours
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	45 mOhms (100kHz 25C)
Ripple Current:	2236 mA (rms, 100kHz 45C), 2012.4 mA (rms, 85C), 447.2 mA (rms, 150C)
Leakage Current:	94.5 uA (5min 25°C)

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

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