

T521, Tantalum, Polymer Tantalum, 47 uF, 20%, 25 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 65 mOhms, 7343, Height Max = 3.1mm



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	3.6mm MIN
B	0.5mm +/-0.15mm
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications	
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information	
Series:	T521
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible
Features:	Low ESR, High Voltage
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Component Weight:	434.83 mg
Shelf Life:	52 Weeks
MSL:	3

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	25 VDC (105C), 16.75 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Life:	2000 Hrs (125C)
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	65 mOhms (100kHz 25C)
Ripple Current:	2200 mA (rms, 100kHz 45C), 2200 mA (rms, 85C), 550 mA (rms, 125C)
Leakage Current:	117.5 uA (5min 25°C)

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