

T521, Tantalum, Polymer Tantalum, 15 uF, 20%, 35 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 125 mOhms, 7343, Height Max = 2mm



Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	1.8mm +/-0.2mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
X	0.05mm REF

Packaging Specifications

Weight:	274.3 mg
Packaging:	T&R, 178mm
Packaging Quantity:	1000

General Information

Series:	T521
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible
Features:	Low ESR, High Voltage
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Shelf Life:	52 Weeks
MSL:	3

Specifications

Capacitance:	15 uF
Capacitance Tolerance:	20%
Voltage DC:	35 VDC (105C), 23.45 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	125 mOhms (100kHz 25C)
Ripple Current:	1200 mA (rms, 100kHz 45C), 840 mA (rms, 85C), 300 mA (rms, 125C)
Leakage Current:	52.5 uA (5min 25°C)