

T522, Tantalum, Polymer Tantalum, 470 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Low ESR, Low Leakage, 35 mOhms, 7343, Height Max = 4mm



Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	3.8mm +/-0.2mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications	
Weight:	493.99 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information	
Series:	T522
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low ESR, Low Leakage
Features:	Low ESR, Low Leakage
RoHS:	No
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov
REACH:	SVHC (Pb – CAS 7439-92-1)
SCIP Number:	b064b03e-bd75-42af-b342-1fe94dec2340
Termination:	Solder Coated
AEC-Q200:	No
Shelf Life:	52 Weeks
MSL:	3

Specifications	
Capacitance:	470 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	105°C
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	35 mOhms (100kHz 25C)
Ripple Current:	2600 mA (rms, 100kHz 45C), 1820 mA (rms, 85C), 650 mA (rms, 105C)
Leakage Current:	88.8 uA (10min 25°C)

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