

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



General Information	
Supplier:	KEMET
Series:	T522
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low ESR, Low Leakage
Features:	Low ESR, Low Leakage
RoHS:	Yes
Termination:	Tin
Shelf Life:	52 Weeks
MSL:	3

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

Specifications	
Capacitance:	470 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C)
Temperature Range:	-55/+105C
Rated Temperature:	105C
Dissipation Factor:	10.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	35 mOhms (100kHz 25C)
Ripple Current:	2600 mAmps (100kHz 45C), 1820 mAmps (85C), 650 mAmps (105C)
Leakage Current:	88.8 uA (10min 25C)

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

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