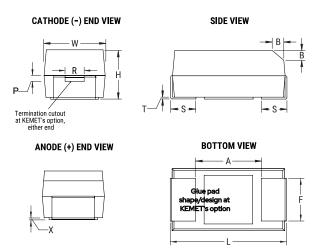


## T521X477M016ATI020

T521, Tantalum, Polymer Tantalum, Commercial Grade, 470 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 20 mOhms, 7343, 4.3 mm, 1.3 mm



Dimensions

**Packaging Quantity** 

L       7.3mm +/-0.3mm         W       4.3mm +/-0.3mm         H       4mm +/-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       1.7mm REF         R       1mm REF         X       0.1mm +/-0.1mm REF         Packaging Specifications         Packaging       T&R, 178mm		
H 4mm +/-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 1.7mm REF  R 1mm REF  X 0.1mm +/-0.1mm REF	L	7.3mm +/-0.3mm
T	W	4.3mm +/-0.3mm
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 REF	Н	4mm +/-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 REF	Т	0.13mm REF
A 3.8mm MIN  B 0.5mm +/-0.15mm  P 1.7mm REF  R 1mm REF  X 0.1mm +/-0.1mm REF	S	1.3mm +/-0.3mm
B	F	2.4mm +/-0.1mm
P 1.7mm REF  R 1mm REF  X 0.1mm +/-0.1mm REF	A	3.8mm MIN
R 1mm REF  X 0.1mm +/-0.1mm REF  Packaging Specifications	В	0.5mm +/-0.15mm
X 0.1mm +/-0.1mm REF  Packaging Specifications	P	1.7mm REF
Packaging Specifications	R	1mm REF
	X	0.1mm +/-0.1mm REF
Packaging T&R, 178mm	Packaging Specifications	
	Packaging	T&R, 178mm

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
Typical Component Weight	553.96 mg
Shelf Life	52 Weeks
MSL	3

470 uF
20%
16 VDC (105C), 10.72 VDC (125C)
-55/+125°C
105°C
2000 Hrs (125C)
60C, 90% RH, 500 Hours, No Load
10% 120Hz 25C
N/A
20 mOhms (100kHz 25C)
4470 mA (rms, 100kHz 45/85C), 3129 mA (rms, 105C), 1118 mA (rms, 125C)
225.6 uA (5min 25°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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