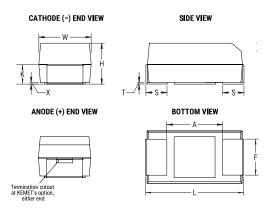
KEMET Part Number: T521V476M020ATE090



T521, Tantalum, Polymer Tantalum, 47 uF, 20%, 20 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 90 mOhms, 7343, Height Max = 2mm



Supplier:	KEMET
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
Shelf Life:	52 Weeks
MSL:	3

General Information

Dimensions		
Footprint	7343	
L	7.3mm +/-0.3mm	
W	4.3mm +/-0.3mm	
Н	1.8mm +/-0.2mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.4mm +/-0.1mm	
A	3.6mm MIN	
Х	0.05mm REF	

^	0.03IIIIII KLF	
Packaging Specifications		
rackaging Specifications		
Weigh	t: 274.3 mg	
Packaging	g: T&R, 178mm	
Packaging Quantity	y: 1000	

Specifications		
Capacitance:	47 uF	
Capacitance Tolerance:	20%	
Voltage DC:	20 VDC (105C), 13.4 VDC (125C)	
Temperature Range:	-55/+125C	
Rated Temperature:	105°C	
Humidity:	60C, 90% RH, 500 Hours, No Load	
Dissipation Factor:	10.00% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	90 mOhms (100kHz 25C)	
Ripple Current:	1400 mA (100kHz 45C), 980 mA (85C), 350 mA (125C)	
Leakage Current:	94 uA (5min 25C)	

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.

