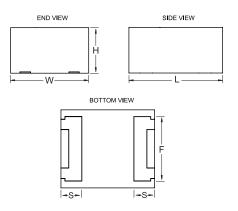
## **KEMET Part Number: T523H477M016APE0707280**



T523, Tantalum, Polymer Tantalum, Reduced Volume, 470 uF, 20%, 16 VDC, SMD, Polymer, Molded, Face Down Terminals, 70 mOhms, 7360, Height Max = 2mm



Dimensions		
Footprint	7360	
L	7.3mm +/-0.3mm	
W	6mm +/-0.3mm	
Н	1.9mm +/-0.1mm	
S	1.6mm +/-0.3mm	
F	4.45mm +/-0.1mm	

Packaging Specifications		
Weight:	384.64 mg	
Packaging:	T&R, 330mm	
Packaging Quantity:	3000	

General Information		
Series:	T523	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Face Down Terminals	
Features:	Face Down	
RoHS:	Yes	
Termination:	Nickel Palladium Gold	
AEC-Q200:	No	
Shelf Life:	52 Weeks	
MSL:	4	

Specifications	
Capacitance:	470 uF
Capacitance Tolerance:	20%
Voltage DC:	16 VDC (85C)
Temperature Range:	-55/+85°C
Rated Temperature:	85°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	70 mOhms (100kHz 25C)
Ripple Current:	2510 mA (rms, 100kHz 45C), 1757 mA (rms, 85C)
Leakage Current:	752 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.

