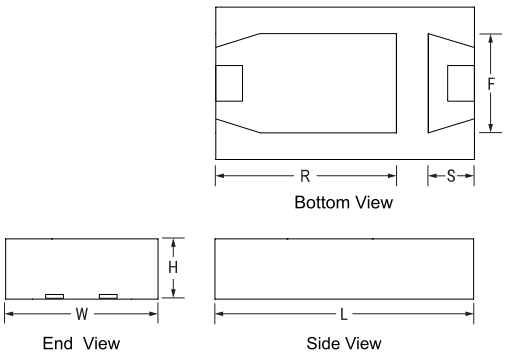
KEMET Part Number: T528Z477M2R5ATE005

T528, Tantalum, Polymer Tantalum, Reduced Volume, 470 uF, 20%, 2.5 VDC, SMD, Polymer, Low ESR, NonCombustible, Face Down, 5 mOhms, 7343, Height Max = 1.7mm



General Information	
Series:	T528
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Low ESR, NonCombustible, Face Down
Features:	Face Down, Low ESR
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Shelf Life:	52 Weeks
MSL:	3

Dimensions	
Footprint	7343
L	7.3mm +/-0.4mm
W	4.3mm +/-0.3mm
H	1.6mm +/-0.1mm
S	1.3mm +/-0.2mm
F	2.8mm +/-0.2mm
R	5mm +/-0.4mm

Specifications	
Capacitance:	470 uF
Capacitance Tolerance:	20%
Voltage DC:	2.5 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	5 mOhms (100kHz 25C)
Ripple Current:	8100 mA (rms, 100kHz 45C), 5670 mA (rms, 85C), 2025 mA (rms, 105C)
Leakage Current:	117.5 uA (5min 25°C)

Packaging Specifications	
Weight:	206.33 mg
Packaging:	T&R, 178mm
Packaging Quantity:	1000

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