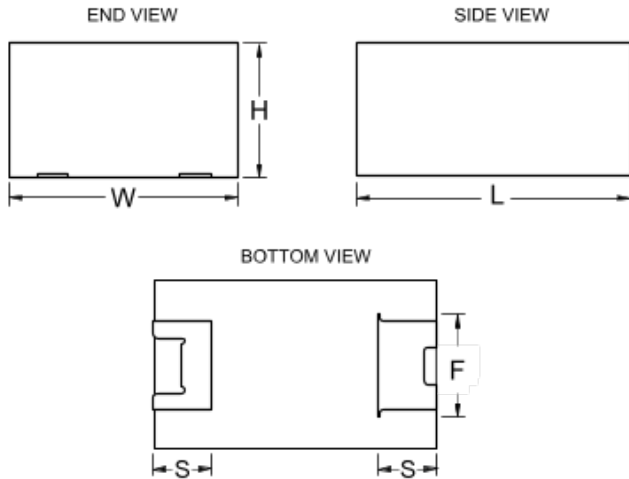


T523V686M035APE070

T523, Tantalum, Polymer Tantalum, Reduced Volume, 68 uF, 20%, 35 VDC, SMD, Polymer, Molded, Face Down Terminals, 70 mOhms, 7343, Height Max = 2mm



Click [here](#) for the 3D model.

Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	1.9mm +/-0.1mm
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	1000

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
Component Weight	274.3 mg
Shelf Life	52 Weeks
MSL	3

Specifications

Capacitance	68 uF
Capacitance Tolerance	20%
Voltage DC	35 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs (105C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	70 mOhms (100kHz 25C)
Ripple Current	2420 mA (rms, 100kHz 45C), 1694 mA (rms, 85C), 605 mA (rms, 105C)
Leakage Current	238 uA (5min 25°C)