

## T523W566M035APE070

T523, Tantalum, Polymer Tantalum, Reduced Volume, 56 uF, 20%, 35 VDC, SMD, Polymer, Molded, Face Down Terminals, 70 mOhms, 1.5 mm, 2817 / 7343



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

### 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
Typical Component Weight	222.95 mg
Shelf Life	52 Weeks
MSL	3

### Dimensions

L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	1.4mm +/-0.1mm
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	1000

### Specifications

Capacitance	56 uF
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
ESR	70 mOhms (100kHz 25C)
Ripple Current	2376 mA (rms, 100kHz 45C), 1663.2 mA (rms, 85C), 594 mA (rms, 105C)
Leakage Current	196 uA (5min 25°C)

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