

T556B506M025AT

T556, Tantalum, Polymer Tantalum, HRA, 50 uF, 20%, 25 VDC, N/A, 170 mOhms, 9.6 mm, 3 mm

BOTTOM VIEW



CATHODE (-) END VIEW



SIDE VIEW

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

General Information

Series	T556
Dielectric	Polymer Tantalum
Style	SMD Chip
RoHS	No
SCIP Number	43449f08-bd3e-4b72-a04c-6c a7dd4144ff
Termination	Tin
AEC-Q200	No
Typical Component Weight	5.54 g
Shelf Life	156 Weeks

Dimensions

L	24.5mm +/-0.5mm
W	8.5mm +/-0.5mm
H	9.1mm +/-0.5mm
S	3mm MIN
F	4.2mm +/-0.5mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	100

Specifications

Capacitance	50 uF
Tolerance	20%
Voltage DC	25 VDC, 19.5 VDC (105°C), 16.5 VDC (125°C)
Temperature Range	-55/ +125°C
Life	2000 Hrs
Dissipation Factor	5% (120Hz 25C)
Failure Rate	N/A
ESR	170 mOhm (100kHz 25C)
Ripple Current	1275 mAmps (40kHz 85C)
Leakage Current	9.375 uA (5min 25°C)

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