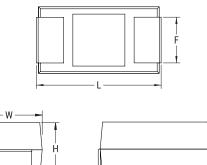


## T556B127M050AT

T556, Tantalum, Polymer Tantalum, HRA, 120 uF, 20%, 50 VDC, N/A, 140 mOhms, 9.6 mm, 3 mm

## BOTTOM VIEW



► S -

Click here for the 3D model.

CATHODE (-) END VIEW



**General Information** T556 Series 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
н	9.1mm +/-0.5mm
S	3mm MIN
F	4.2mm +/-0.5mm

Packaging Specifications	
Packaging	Bulk, Box
Packaging Quantity	100

Specifications	
Capacitance	120 uF
Tolerance	20%
Voltage DC	50 VDC, 39 VDC (105°C), 33 VDC (125°C)
Temperature Range	-55/+125°C
Life	2000 Hrs
Dissipation Factor	6% (120Hz 25C)
Failure Rate	N/A
ESR	140 mOhm (100kHz 25C)
Ripple Current	1400 mAmps (40kHz 85C)
Leakage Current	45 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.