

CATHODE (-) END VIEW

Packaging Specifications

Packaging Quantity

Dimensions

L W

Н

s

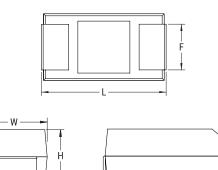
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Packaging

T555B506M025AT

T555, Tantalum, Polymer Tantalum, HRA, 50 uF, 20%, 25 VDC, N/A, 170 mOhms, 9.6 mm, 3 mm

BOTTOM VIEW



⊦S

Click here for the 3D model.

- S

SIDE VIEW

General Information Series T555 Dielectric Polymer Tantalum Style SMD Chip RoHS No SCIP Number 43449f08-bd3e-4b72-a04c-6c a7dd4144ff Termination Tin AEC-Q200 No 5.54 g **Typical Component Weight** Shelf Life 156 Weeks

	Specifications	
24.5mm +/-0.5mm	Capacitance	50 uF
8.5mm +/-0.5mm	Tolerance	20%
9.1mm +/-0.5mm	Voltage DC	25 VDC, 19.5 VDC (105°C), 28.75 VDC (85°C)
3mm +/-0.3mm 4.2mm +/-0.5mm	Temperature Range	-55/+105°C
	Rated Temperature	85°C
	Life	2000 Hrs
Bulk, Box	Dissipation Factor	5% (120Hz 25C)
100	Failure Rate	N/A
	ESR	170 mOhm (100kHz 25C)
	Ripple Current	1275 mAmps (40kHz 85C)
	Leakage Current	9.375 uA (5min 25°C)

Testing and Reliability

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.

25C +/-5C, 10 cycles, after constant voltage conditioning

(KEMET standard)