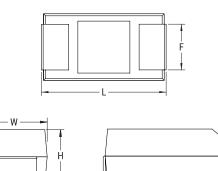


CATHODE (-) END VIEW

T555B687M008AT

T555, Tantalum, Polymer Tantalum, HRA, 680 uF, 20%, 8 VDC, N/A, 90 mOhms, 9.6 mm, 3 mm

## **BOTTOM VIEW**



►S-

Click here for the 3D model.

**General Information** T555 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		Specifications	
L	24.5mm +/-0.5mm	Capacitance	6
W	8.5mm +/-0.5mm	Tolerance	2
н	9.1mm +/-0.5mm	Voltage DC	8
S	3mm +/-0.3mm		v
F	4.2mm +/-0.5mm	Temperature Range	
		Rated Temperature	8
Packaging Specifications		Life	2
Packaging	Bulk, Box	Dissipation Factor	5
Packaging Quantity	100	Failure Rate	Ν
		FSR	c

**-** S

SIDE VIEW

Specifications			
Capacitance	680 uF		
Tolerance	20%		
Voltage DC	8 VDC, 6.24 VDC (105°C), 9.2 VDC (85°C)		
Temperature Range	-55/+105°C		
Rated Temperature	85°C		
Life	2000 Hrs		
Dissipation Factor	5% (120Hz 25C)		
Failure Rate	N/A		
ESR	90 mOhm (100kHz 25C)		
Ripple Current	1750 mAmps (40kHz 85C)		
Leakage Current	40.8 uA (5min 25°C)		
Testing and Reliability	25C +/-5C, 10 cycles, after constant voltage conditioning (KEMET standard)		

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.