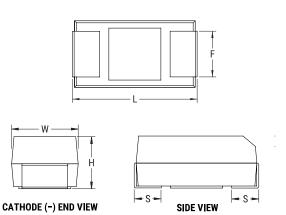


T556B687K008AH

T556, Tantalum, Polymer Tantalum, HRA, 680 uF, 10%, 8 VDC, N/A, 90 mOhms, 9.6 mm, 3 mm



BOTTOM VIEW



Click here for the 3D model.

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

General Information	
Series	T556
Dielectric	Polymer Tantalum
Style	SMD Chip
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
SCIP Number	fa 70b 84a - ebdb - 4f97 - bf07 - 19f e 562c 6755
Termination	Solder Coated
AEC-Q200	No
Typical Component Weight	5.54 g
Shelf Life	156 Weeks

Specifications	
Capacitance	680 uF
Tolerance	10%
Voltage DC	8 VDC, 6.24 VDC (105°C), 5.28 VDC (125°C)
Temperature Range	-55/+125°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)

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.

Generated 08/12/2025 © 2006 - 2025 YAGEO