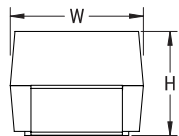


T556B506K025AT

T556, Tantalum, Polymer Tantalum, HRA, 50 uF, 10%, 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	10%
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)

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.