

T543O826M040ATE055

T543 HRA, Tantalum, Polymer Tantalum, HRA, 82 uF, 20%, 40 VDC, SMD, Polymer, Molded, Up Screening, N/A, 55 mOhms, 7360, Height Max = 4.3mm

CATHODE (-) END VIEW SIDE VIEW Н **ANODE (+) END VIEW BOTTOM VIEW** Ē Termination cutou at KEMET's option Click here for the 3D model.

Dimensions		
Footprint	7360	
L	7.3mm +/-0.3mm	
W	6mm +/-0.3mm	
Н	4mm +/-0.3mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	

L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
Н	4mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	4.1mm +/-0.1mm
Α	3.8mm MIN
E	3.5mm REF
G	3.5mm REF
X	0.1mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	250

General Information	
Series	T543 HRA
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Up Screening
Features	Non-Combustible, Low Profile, Low ESR, High Reliability
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	696 mg
Shelf Life	52 Weeks
MSL	3

Specifications	
Capacitance	82 uF
Capacitance Tolerance	20%
Voltage DC	40 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Humidity	60C, 90% RH, 500 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
Resistance	55 mOhms (100kHz)
Ripple Current	2336 mA (rms, 100kHz 45C)
Leakage Current	328 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

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.

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