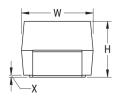


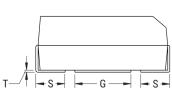
T543V685M050AHW065

General Information

T543 HRA, Tantalum, Polymer Tantalum, HRA, 6.8 uF, 20%, 50 VDC, SMD, Polymer, Molded, Up Screening, N/A, 65 mOhms, 7343, Height Max = 2mm

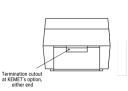
CATHODE (-) END VIEW

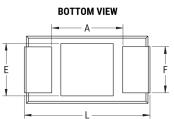




SIDE VIEW

ANODE (+) END VIEW





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	No
Prop 65	A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Solder Coated
AEC-Q200	No
Component Weight	262.9 mg
Shelf Life	52 Weeks
MSL	3

Click here for the 3D model.

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	1.9mm +/-0.1mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
А	3.8mm MIN
E	3.5mm REF
G	3.5mm REF
Х	0.05mm REF

Packaging Specifications		
Packaging	T&R, 178mm	
Packaging Quantity	1000	

Specifications	
Capacitance	6.8 uF
Capacitance Tolerance	20%
Voltage DC	50 VDC (105C), 33.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Humidity	60C, 90% RH, 500 Hours
<b>Dissipation Factor</b>	10% 120Hz 25C
Failure Rate	N/A
Resistance	65 mOhms (100kHz)
Ripple Current	1934 mA (rms, 100kHz 45C)
Leakage Current	34 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C

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.