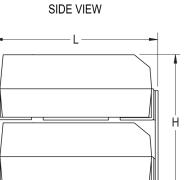


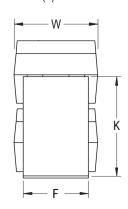
TSM2D945M050CH6410H493

TSM, Tantalum, MnO2 Tantalum, HRA, 9.4 uF, 20%, 50 VDC, 2D





ANODE (+) END VIEW



General Information		
Series	TSM	
Dielectric	MnO2 Tantalum	
Style	Stacked Chip	
Description	SMD, MnO2, Stacks, High Reliability	
Features	High Reliability	
RoHS	No	
Prop 65	▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
SCIP Number	30e82d35-b509-48ec-8c77-2d5ec01b3abc	
Termination	Solder Coated	
AEC-Q200	No	
MSL	1	

Click here for the 3D model.

--S→

Dimensions		
Case Code	2D	
L	8mm +/-0.38mm	
W	4.4mm +/-0.2mm	
Н	6.2mm +/-0.38mm	
S	1.9mm +/-0.38mm	
F	3mm +/-0.2mm	
K	4.8mm +/-0.38mm	

Packaging Specifications	
Packaging	T&R, 178mm

Specifications		
Capacitance	9.4 uF	
Capacitance Tolerance	20%	
Voltage DC	50 VDC (85C), 33.34 VDC (125C)	
Temperature Range	-55/+125°C	
Rated Temperature	85°C	
Dissipation Factor	6% 120Hz 25C	
Failure Rate	C (0.01%/1000 Hrs)	
Resistance	0.8 Ohms (100kHz 25C)	
Leakage Current	4.8 uA (5min 25°C)	
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull	

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.