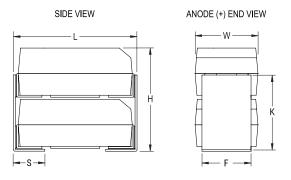
KEMET Part Number: TSM2C306M025CH6410H493



TSM, Tantalum, MnO2 Tantalum, HRA, 30 uF, 20%, 25 VDC, 2C



Dimensions		
Case Code	2C	
L	6.5mm +/-0.38mm	
W	3.3mm +/-0.2mm	
Н	5.3mm +/-0.38mm	
S	1.4mm +/-0.38mm	
F	2.5mm +/-0.2mm	
К	4.5mm +/-0.38mm	

Packaging Specifications		
Packaging:	T&R, 178mm	

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 - www.p65warnings.ca.gov.	
Termination:	Solder Coated	
AEC-Q200:	No	
MSL:	1	

Specifications		
Capacitance:	30 uF	
Capacitance Tolerance:	20%	
Voltage DC:	25 VDC (85C), 16.67 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:	7.6 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.



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