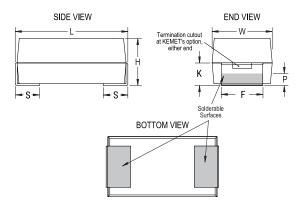
KEMET Part Number: CWR09NC105KB

(T409E105K050BC)



T409 CWR09, Tantalum, MnO2 Tantalum, Military/High Reliability, 1 uF, 10%, 50 VDC, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 6 Ohms, 5125, Height Max = 1.65mm



Dimensions	
Footprint	5125
L	5.08mm +/-0.38mm
W	2.54mm +/-0.38mm
Н	1.27mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	2.41mm +0.13/-0.25mm
K	0.76mm MIN
Р	0.38mm MIN

Packaging Specifications		
Weight:	421.63 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2500	

General Information		
Series:	T409 CWR09	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded, Military Equivalent	
RoHS:	No	
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.	
REACH:	SVHC (Pb - CAS 7439-92-1)	
Termination:	Hot Solder Dipped	
Qualifications:	MIL-PRF-55365/4, CWR09 Style	
AEC-Q200:	No	
Notes:	Note: When Option C Is Selected For Lead Material, Add An Additional 0.38mm To The Tolerances For "L", "W", "H", "K","F" And "S"	
MSL:	1	

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 20C	
Failure Rate:	B (0.1%/1000 Hrs)	
Resistance:	6 Ohms (100kHz)	
Leakage Current:	1 uA (20°C)	
Testing and Reliability:	Standard Testing Only	

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