Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

KEMET CWR09NC105KB

For any questions, you can email us directly: sales@integrated-circuit.com

Distributor of KEMET: Excellent Integrated System Limited

Datasheet of CWR09NC105KB - CAP TANT 1.0UF 10% 50V 2010

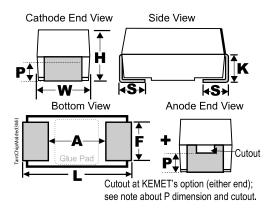
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

KEMET Part Number: T409E105K050BC

(CWR09NC105KB)



Capacitor, Tantalum, 1 uF, 5125, +/-10% Tol, -55/+125C, 50 VDC (85C), Failure Rate=B (0.1%/1000 Hrs)



Dimensions (mm)				
Symbol	Dimension	Tolerance		
L	5.08	+/-0.38		
W	2.54	+/-0.38		
Н	1.27	+/-0.38		
K	0.76	MIN		
F	2.41	+0.13/-0.25		
S	0.76	+0.025/-0.13		
Р	0.38	MIN		
A	3.56	NOM		

Notes	
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-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" $\,$

-P And R Dimensions Represents The Minimum Solderable Area Of The Termination Surface Entirely Below Cutout (If One Is Present)

General Information		
Supplier:	KEMET	
Application:	MIL-PRF-55365/4	
Part Type Description:	SMD, MnO2, Molded, Military Equivalent	
Construction:	Standard Chip-MnO2	
Body Type:	SMD Chip	
Termination:	Hot Solder Dipped	
Footprint:	5125	
Weight:	421.63 mg	
Approvals:	MIL-PRF-55365/4, CWR09 Style	
RoHS:	No	

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

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Quantity:	2500	

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