## **Excellent Integrated System Limited**

Stocking Distributor

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

KEMET CWR09MC685KB

For any questions, you can email us directly: <a href="mailto:sales@integrated-circuit.com">sales@integrated-circuit.com</a>

## **Distributor of KEMET: Excellent Integrated System Limited**

Datasheet of CWR09MC685KB - CAP TANT 6.8UF 10% 35V 2915

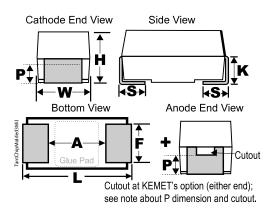
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

## KEMET Part Number: T409H685K035BC

(CWR09MC685KB)



Capacitor, Tantalum, 6.8 uF, 7238, +/-10% Tol, -55/+125C, 35 VDC (85C), Failure Rate=B (0.1%/1000 Hrs)



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	7.24	+/-0.38	
W	3.81	+/-0.38	
Н	2.79	+/-0.38	
K	1.52	MIN	
F	3.68	+0.13/-0.51	
S	1.27	+0.025/-0.13	
Р	0.76	MIN	
A	4.7	NOM	

Ν	otes:

-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:	7238	
Weight:	349.01 mg	
Approvals:	MIL-PRF-55365/4, CWR09 Style	
RoHS:	No	

Specifications		
Capacitance:	6.8 uF	
Tolerance:	+/-10%	
Voltage:	35 VDC (85C)	
Voltage:	23.45 VDC (125C)	
Temperature Range:	-55/+125C	
Testing:	Standard Testing Only	
Resistance/ESR:	1.3 Ohms (100kHz)	
Failure Rate:	B (0.1%/1000 Hrs)	
Leakage Current:	3 uA	
Dissipation Factor:	6%	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Quantity:	500	

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