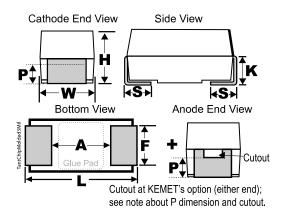
KEMET Part Number: T409H685K035BC

(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	
К	1.52	MIN	
F	3.68	+0.13/-0.51	
S	1.27	+0.025/-0.13	
Р	0.76	MIN	
Α	4.7	NOM	

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" $\,$

-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	

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.

