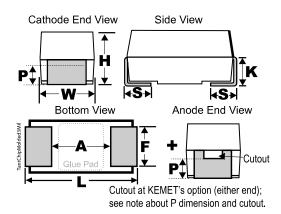
KEMET Part Number: T409A105K010BC

(CWR09FC105KB)



Capacitor, Tantalum, 1 uF, 2513, +/-10% Tol, -55/+125C, 10 VDC (85C), Failure Rate=B (0.1%/1000 Hrs)



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	2.54	+/-0.38	
W	1.27	+/-0.38	
Н	1.27	+/-0.38	
К	0.76	MIN	
F	1.27	+/-0.13	
S	0.76	+0.025/-0.13	
Р	0.38	MIN	
Α	1.02	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:	2513	
Weight:	39.91 mg	
Approvals:	MIL-PRF-55365/4, CWR09 Style	
RoHS:	No	

Specifications		
Capacitance:	1 uF	
Tolerance:	+/-10%	
Voltage:	10 VDC (85C)	
Voltage:	6.7 VDC (125C)	
Temperature Range:	-55/+125C	
Testing:	Standard Testing Only	
Resistance/ESR:	10 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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