



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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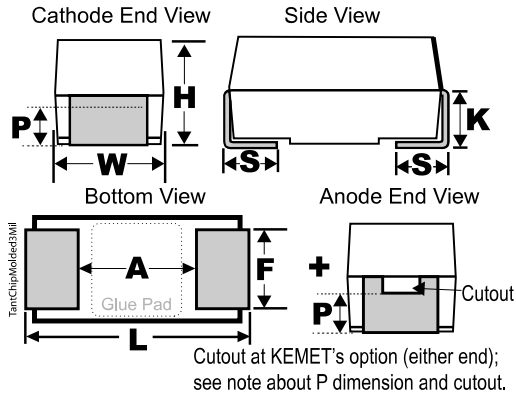
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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
H	1.27	+/-0.38
K	0.76	MIN
F	1.27	+/-0.13
S	0.76	+0.025/-0.13
P	0.38	MIN
A	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