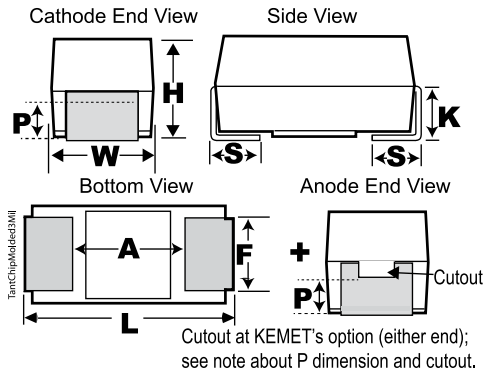


KEMET Part Number: CWR09NC105KB
(T409E105K050BC)

Capacitor, tantalum, 1 uF, 5125, +/-10% Tol, 50V@85C, Failure Rate=B



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	5.08	+/-0.38
W	2.54	+/-0.38
H	1.27	+/-0.38
K	0.76	min
F	2.41	+0.13/-0.25
S	0.76	+0.025/-0.13
P	0.38	min
A	3.56	nom

Notes:

-P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).

General Information	
Manufacturer:	KEMET
Construction:	Standard Chip-MnO2

Specifications	
Capacitance:	1 uF
Voltage DC @ 85C:	50V
Voltage DC @ 105C:	41.5V
Voltage DC @ 125C:	33V
Tolerance:	+/-10%
Application:	Military ER/General Purpose
ESR:	60 mOhm
Temperature Range:	-55/+125C
Footprint:	5125
Termination:	Solder Dipped
Leakage Current:	1 uA
Dissipation Factor:	6%
Ripple @ 25C:	1.2247 A
Ripple @ 85C:	1.1022 A
Ripple @ 105C:	0.7961 A
Ripple @ 125C:	0.4899 A

Packaging Specifications	
Package Kind:	T&R
Package Quantity:	2500