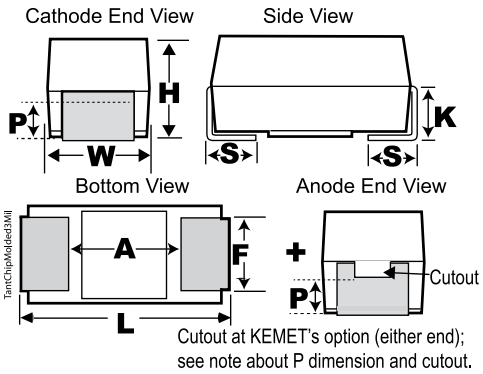
KEMET Part Number: CWR09HK155KB

(T409B155K015BK)

Capacitor, tantalum, 1.5 uF, 3813, +/-10% Tol, 15V@85C, Failure Rate=B



General Information	
Manufacturer:	KEMET
Construction:	Standard Chip-MnO2

Specifications	
Capacitance:	1.5 uF
Voltage DC @ 85C:	15V
Voltage DC @ 105C:	12.5V
Voltage DC @ 125C:	10V
Tolerance:	+/-10%
Application:	Military ER/General Purpose
ESR:	60 mOhm
Temperature Range:	-55/+125C
Footprint:	3813
Leakage Current:	1 uA
Dissipation Factor:	6%
Ripple @ 25C:	1.0801 A
Ripple @ 85C:	0.9721 A
Ripple @ 105C:	0.7021 A
Ripple @ 125C:	0.432 A

Dimensions (mm)		
Symbol	**Dimension**	**Tolerance**
L	3.81	+/-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	2.29	nom

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

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

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