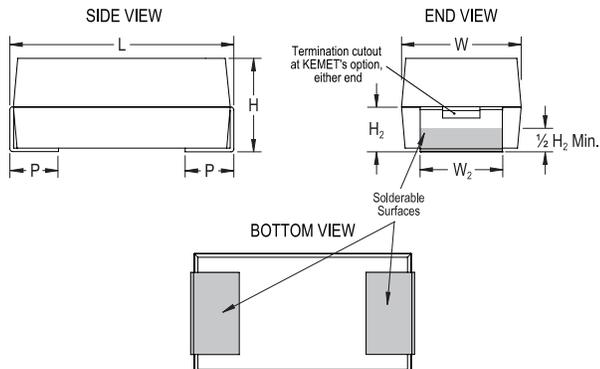


KEMET Part Number: CWR09JK105KB
(T409B105K020BK)



T409_CWR09, Tantalum, MnO2 Tantalum, Military/High Reliability, 1 uF, 10%, 20 VDC, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 12 Ohms, 3813, Height Max = 1.65mm



Dimensions	
Footprint	3813
L	3.81mm +/-0.38mm
W	1.27mm +/-0.38mm
H	1.27mm +/-0.38mm
S	0.76mm +0.025/-0.13mm
F	1.27mm +/-0.13mm
A	2.29mm NOM
K	0.76mm MIN
P	0.38mm MIN

Packaging Specifications	
Weight:	68.73 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2500

General Information	
Supplier:	KEMET
Series:	T409_CWR09
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Military Equivalent
RoHS:	No
Termination:	Solder Fused
Qualifications:	MIL-PRF-55365/4, CWR09 Style
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)

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	20 VDC (85C), 13.4 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6.00%
Failure Rate:	B (0.1%/1000 Hrs)
Resistance:	12 Ohms (100kHz)
Leakage Current:	1 uA (20C)
Testing and Reliability:	Standard Testing Only

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