KEMET Part Number: CWR09JK105KB
(T409B105K020BK)

KEMET
a YAGEO company

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

SIDE VIEW
END VIEW

Termination cutout at KEMET's option, either end

BOTTOM VIEW

Solderable Surfaces

General Information	
Series:	T409 CWR09
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Military Equivalent
RoHS:	No
Prop 65:	⚠ **WARNING:** Cancer and reproductive harm - www.p65warnings.ca.gov.
REACH:	SVHC (Pb – CAS 7439-92-1)
SCIP Number:	656db0b8-8445-4117-82f2-2f12e764f0b1
Termination:	Solder Fused
Qualifications:	MIL-PRF-55365/4, CWR09 Style
AEC-Q200:	No
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".
MSL:	1

Dimensions	
Footprint	3813
L	3.81mm +/-0.38mm
W	1.27mm +/-0.38mm
H	1.27mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	1.27mm +/-0.13mm
K	0.76mm MIN
P	0.38mm MIN

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

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	20 VDC (85C), 13.4 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	B (0.1%/1000 Hrs)
Resistance:	12 Ohms (100kHz 25C)
Leakage Current:	1 uA (5min 25°C)
Testing and Reliability:	Standard Testing Only

KEMET
a YAGEO company