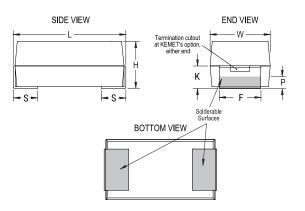
KEMET Part Number: T409B105K020CB4251WAFL



T409 CWR09, Tantalum, MnO2 Tantalum, Military/High Reliability, 1 uF, 10%, 20 VDC, SMD, MnO2, Molded, Military Equivalent, C (0.01%/1000 Hrs), 12 Ohms, 3813, Height Max = 1.65mm



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

Packaging Specifications	
Packaging:	Waffle

General Information	
Series:	T409 CWR09
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Military Equivalent
RoHS:	Yes
Termination:	Gold
Qualifications:	MIL-PRF-55365/4, CWR09 Style
AEC-Q200:	No
Component Weight:	68.73 mg
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

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:	C (0.01%/1000 Hrs)
Resistance:	12 Ohms (100kHz 25C)
Leakage Current:	1 uA (5min 25°C)
Testing and Reliability:	Surge Testing At -55C And +85C After Weibull

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