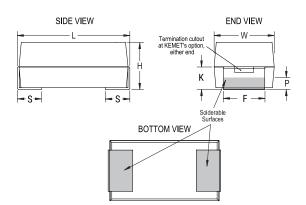
KEMET Part Number: T409A105K010CB4251WAFL



T409 CWR09, Tantalum, MnO2 Tantalum, Military/High Reliability, 1 uF, 10%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, C (0.01%/1000 Hrs), 10 Ohms, 2513, Height Max = 1.65mm



Dimensions	
Footprint	2513
L	2.54mm +/-0.38mm
W	1.27mm +/-0.38mm
Н	1.27mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	1.27mm +/-0.13mm
К	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:	39.91 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:	10 VDC (85C), 6.67 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	C (0.01%/1000 Hrs)
Resistance:	10 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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