

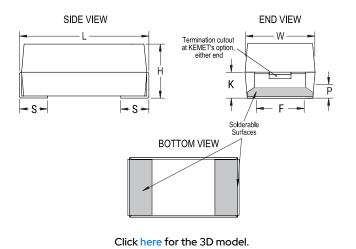
CWR09FC105KB

Aliases (T409A105K010BC)

General Information

T409 CWR09, Tantalum, MnO2 Tantalum, Military/High Reliability, 1 uF, 10%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 10 Ohms, 2513, 1.65mm

T 400 OWDOO



Series	T409 CWR09
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Military Equivalent
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
SCIP Number	652b281f-d242-4453-bc44-06 55d646cec3
Termination	Hot Solder Dipped
Qualifications	MIL-PRF-55365/4, CWR09 Style
AEC-Q200	No
Typical 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

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
K	0.76mm MIN
P	0.38mm MIN

Specifications	
Capacitance	1 uF
Capacitance Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
ESR	10 Ohms (100kHz 25C)
Ripple Current	71 mA (rms, 100kHz 25C)
Leakage Current	1uA (5min 25°C)
Testing and Reliability	Standard Testing Only

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2500

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