

## CWR09NB475KBB

Aliases (T409H475K050BB4251)

T409 CWR09, Tantalum, MnO2 Tantalum, Military/High Reliability, 4.7 uF, 10%, 50 VDC, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 1.5 Ohms, 7238, Height Max = 3.17mm



Click [here](#) for the 3D model.

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	349.01 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	7238
L	7.24mm +/-0.38mm
W	3.81mm +/-0.38mm
H	2.79mm +/-0.38mm
S	1.27mm +0.25/-0.13mm
F	3.68mm +0.13/-0.51mm
K	1.52mm MIN
P	0.76mm MIN

Specifications	
Capacitance	4.7 uF
Capacitance Tolerance	10%
Voltage DC	50 VDC (85C), 33.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
Resistance	1.5 Ohms (100kHz 25C)
Leakage Current	3 uA (5min 25°C)
Testing and Reliability	Surge Testing At -55C And +85C After Weibull

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

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