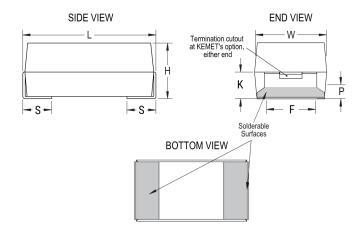




Aliases (T409H475K050BC)

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



General Information Series T409 CWR09 MnO2 Tantalum Dielectric Style SMD Chip Description SMD, MnO2, Molded, Military Equivalent RoHS No 🛕 WARNING: Cancer and reproductive harm – Prop 65 http://www.p65warnings.ca.gov. SCIP Number 652b281f-d242-4453-bc44-0655d646cec3 Termination Hot Solder Dipped MIL-PRF-55365/4, CWR09 Style Qualifications AEC-Q200 No Component 349.01 mg Weight Note: When Option C Is Selected For Lead Notes Material, Add An Additional 0.38mm To The Tolerances For "L", "W", "H", "K", "F" And "S". MSL 1

Click here for the 3D model.

Footprint 7238 L 7.24mm +/-0.38mm	
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	

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

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)
Ripple Current	316 mA (rms, 100kHz 25C)
Leakage Current	3 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.