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General Information

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-bc44-0655d646cec3
Termination	Hot Solder Dipped
Qualifications	MIL-PRF-55365/4, CWR09 Style
AEC-Q200	No
Typical 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

L	7.24mm +/-0.38mm	Capacitance	15 uF
W	3.81mm +/-0.38mm	Tolerance	10%
H	2.79mm +/-0.38mm	Voltage DC	25 VDC (85C), 16.75 VDC (125C)
S	1.27mm +0.25/-0.13mm	Temperature Range	-55/+125°C
F	3.68mm +0.13/-0.51mm	Rated Temperature	85°C
K	1.52mm MIN	Dissipation Factor	6% 120Hz 25C
P	0.76mm MIN	Failure Rate	B (0.1%/1000 Hrs)
		ESR	1 Ohms (100kHz 25C)
		Ripple Current	387 mA (rms, 100kHz 25C)
		Leakage Current	4 uA (5min 25°C)
		Testing and Reliability	Surge Testing (10 Cycles At -55C +/-5C And +85C +/-5C After Weibull)

Packaging Specifications

Packaging	T&R, 178mm	Capacitance	15 uF
Packaging Quantity	500	Tolerance	10%

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