

CWR19FH227KMH

Aliases (T419H227K010MH)

T419 CWR19, Tantalum, MnO₂ Tantalum, Military/High Reliability, 220 uF, 10%, 10 VDC, SMD, MnO₂, Molded, Military Equivalent, M (1%/1000 Hrs), 900 mOhms, 7238, Height Max = 3.17mm

No Drawing Available.
Click [here](#) for the 3D model.

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

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

General Information

Series	T419 CWR19
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Military Equivalent
RoHS	No
Prop 65	⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov .
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Solder Coated
Qualifications	MIL-PRF-55365/11, CWR19 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

Specifications

Capacitance	220 uF
Capacitance Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	10% 120Hz 25C
Failure Rate	M (1%/1000 Hrs)
Resistance	0.9 Ohms (100kHz 25C)
Ripple Current	408 mA (rms, 100kHz 25C)
Leakage Current	20 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

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