

CWR19FB107KCGB

Aliases (T419G107K010CB4251)

T419 CWR19, Tantalum, MnO₂ Tantalum, Military/High Reliability, 100 uF, 10%, 10 VDC, SMD, MnO₂, Molded, Military Equivalent, C (0.01%/1000 Hrs), 1.1 Ohms, 6728, Height Max = 3.17mm

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

Dimensions	
Footprint	6728
L	6.73mm +/-0.38mm
W	2.79mm +/-0.38mm
H	2.79mm +/-0.38mm
S	1.27mm +0.25/-0.13mm
F	2.67mm +/-0.13mm
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	Yes
Termination	Gold
Qualifications	MIL-PRF-55365/11, CWR19 Style
AEC-Q200	No
Component Weight	266.42 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	100 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	C (0.01%/1000 Hrs)
Resistance	1.1 Ohms (100kHz 25C)
Ripple Current	337 mA (rms, 100kHz 25C)
Leakage Current	10 uA (5min 25°C)
Testing and Reliability	Surge Testing At -55C And +85C After Weibull

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