

CWR19FB106JCBB

Aliases (T419B106J010CB4251)

T419 CWR19, Tantalum, MnO₂ Tantalum, Military/High Reliability, 10 uF, 5%, 10 VDC, SMD, MnO₂, Molded, Military Equivalent, C (0.01%/1000 Hrs), 8 Ohms, 3813, Height Max = 1.65mm



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

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	68.73 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	3813
L	3.81mm +/-0.38mm
W	1.27mm +/-0.38mm
H	1.27mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	1.27mm +/-0.13mm
K	0.76mm MIN
P	0.38mm MIN

Specifications	
Capacitance	10 uF
Capacitance Tolerance	5%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	8% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
Resistance	8 Ohms (100kHz 25C)
Leakage Current	1 uA (5min 25°C)
Testing and Reliability	Surge Testing At -55C And +85C After Weibull

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	2500

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