

CWR29JB106KCFA

Aliases (T429F106K020CB4250)

T429 CWR29, Tantalum, MnO₂ Tantalum, Military/High Reliability, 10 uF, 10%, 20 VDC, SMD, MnO₂, Molded, Military Equivalent, Low ESR, C (0.01%/1000 Hrs), 800 mOhms, 5634, Height Max = 2.16mm



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

General Information	
Series	T429 CWR29
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Military Equivalent, Low ESR
RoHS	Yes
Termination	Gold
Qualifications	MIL-PRF-55365/11, CWR29 Style
AEC-Q200	No
Component Weight	173.63 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	5634
L	5.59mm +/-0.38mm
W	3.43mm +/-0.38mm
H	1.78mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	3.3mm +/-0.13mm
K	1.02mm MIN
P	0.51mm MIN

Specifications	
Capacitance	10 uF
Capacitance Tolerance	10%
Voltage DC	20 VDC (85C), 13.4 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
Resistance	0.8 Ohms (100kHz 25C)
Leakage Current	2 uA (5min 25°C)
Testing and Reliability	Surge Testing At 25C After Weibull

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

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