

## CWR19MC156MRXB

Aliases (T419X156M035RC4251)

T419 CWR19, Tantalum, MnO<sub>2</sub> Tantalum, Military/High Reliability, 15 uF, 20%, 35 VDC, SMD, MnO<sub>2</sub>, Molded, Military Equivalent, R (0.01%/1000 Hrs), 900 mOhms, 6954, Height Max = 3.12mm



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

### Dimensions

Footprint	6954
L	6.93mm +/-0.38mm
W	5.41mm +/-0.38mm
H	2.74mm +/-0.38mm
S	1.19mm +0.25/-0.13mm
F	3.05mm +/-0.13mm
K	1.22mm MIN
P	0.61mm MIN

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

### General Information

Series	T419 CWR19
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded, Military Equivalent
RoHS	No
Prop 65	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> .
SCIP Number	652b281f-d242-4453-bc44-0655d646cec3
Termination	Hot Solder Dipped
Qualifications	MIL-PRF-55365/11, CWR19 Style
AEC-Q200	No
Component Weight	590.44 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	15 uF
Capacitance Tolerance	20%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	R (0.01%/1000 Hrs)
Resistance	0.9 Ohms (100kHz 25C)
Leakage Current	6 uA (5min 25°C)
Testing and Reliability	Surge Testing At -55C And +85C After Weibull

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