

# CWR11HC106MB

Aliases (T492C106M015BC)

T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 10 uF, 20%, 15 VDC, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 2.5 Ohms, 2.8 mm, 2312 / 6032



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

## General Information

Series	T492 CWR11
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Military Equivalent
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	652b281f-d242-4453-bc44-0655d646cec3
Termination	Hot Solder Dipped
Qualifications	MIL-PRF-55365/8, CWR11 Style
Typical Component Weight	224.2 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

L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
K	1mm MIN
P	0.5mm MIN
R	1mm REF
X	0.1mm +/-0.1mm REF

## Specifications

Capacitance	10 uF
Tolerance	20%
Voltage DC	15 VDC (85C), 10.05 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	B (0.1%/1000 Hrs)
ESR	2.5 Ohms (100kHz 25C)
Ripple Current	210 mA (rms, 100kHz 25C)
Leakage Current	1.5 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

## Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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