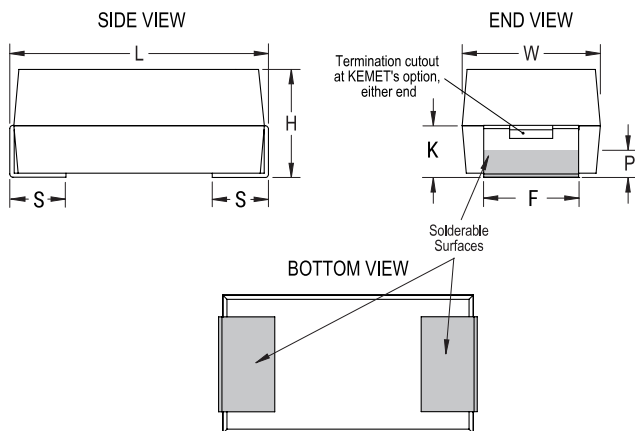


## CWR11HB106KA

Aliases (T492C106K015AB)

T492 CWR11, Tantalum, MnO<sub>2</sub> Tantalum, Military/High Reliability, 10 uF, 10%, 15 VDC, SMD, MnO<sub>2</sub>, Molded, Military Equivalent, A (Non-ER), 2.5 Ohms, 6032, 2.8 mm, 1.3 mm



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

### General Information

Series	T492 CWR11
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, MnO <sub>2</sub> , Molded, Military Equivalent
RoHS	Yes
Termination	Gold
Qualifications	MIL-PRF-55365/8, CWR11 Style
AEC-Q200	No
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	10%
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	A (Non-ER)
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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