

# CWR11FC225KC

Aliases (T492A225K010CC)

T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 2.2 uF, 10%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, C (0.01%/1000 Hrs), 8 Ohms, 1.8 mm, 1206 / 3216



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	58.97 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	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
K	0.7mm MIN
P	0.35mm MIN
R	0.4mm REF
X	0.1mm +/-0.1mm REF

## Specifications

Capacitance	2.2 uF
Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	8 Ohms (100kHz 25C)
Ripple Current	97 mA (rms, 100kHz 25C)
Leakage Current	0.5 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

## Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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