

## CWR11KC225KCB

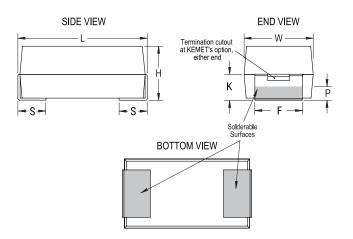
**General Information** 

Series

MSL

Aliases (T492C225K025CC4251)

T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 2.2 uF, 10%, 25 VDC, SMD, MnO2, Molded, Military Equivalent, C (0.01%/1000 Hrs), 3.5 Ohms, 6032, 2.8 mm, 1.3 mm



Click here for the 3D model.

Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Military Equivalent
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
SCIP Number	652b281f-d242-4453-bc44-06 55d646cec3
Termination	Hot Solder Dipped
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".

T492 CWR11

Dimensions	
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	2.5mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
K	1mm MIN
Р	0.5mm MIN
R	1mm REF
Х	0.1mm +/-0.1mm REF

Specifications	
Capacitance	2.2 uF
Tolerance	10%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	3.5 Ohms (100kHz 25C)
Ripple Current	177 mA (rms, 100kHz 25C)
Leakage Current	0.6 uA (5min 25°C)
Testing and Reliability	Surge Testing (10 Cycles At -55C And +85C After Weibull)

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

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