

CWR11MH225MC

Aliases (T492C225M035CH)

T492 CWR11, Tantalum, MnO₂ Tantalum, Military/High Reliability, 2.2 uF, 20%, 35 VDC, SMD, MnO₂, Molded, Military Equivalent, C (0.01%/1000 Hrs), 3.5 Ohms, 6032, Height Max = 2.8mm



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

Dimensions

Footprint	6032
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

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

General Information

Series	T492 CWR11
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Military Equivalent
RoHS	No
Prop 65	⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov .
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Solder Coated
Qualifications	MIL-PRF-55365/8, CWR11 Style
AEC-Q200	No
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

Specifications

Capacitance	2.2 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	C (0.01%/1000 Hrs)
Resistance	3.5 Ohms (100kHz 25C)
Ripple Current	177 mA (rms, 100kHz 25C)
Leakage Current	0.8 uA (5min 25°C)
Testing and Reliability	Standard Testing Only