

CWR11KH475KPB

Aliases (T492C475K025PH4251, T492C475K025PS4251)
 T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 4.7 uF,
 10%, 25 VDC, SMD, MnO2, Molded, Military Equivalent, P (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	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Tin Lead (SnPb)
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	4.7 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	P (0.1%/1000 Hrs)
ESR	2.5 Ohms (100kHz 25C)
Ripple Current	210 mA (rms, 100kHz 25C)
Leakage Current	1.2 uA (5min 25°C)
Testing and Reliability	Surge Testing (10 Cycles At -55C +/-5C And +85C +/-5C After Weibull)

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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