

CWR11MH105KCC

Aliases (T492B105K035CH4252, T492B105K035CS4252)
 T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 1 uF, 10%, 35 VDC, SMD, MnO2, Molded, Military Equivalent, C (0.01%/1000 Hrs), 6.5 Ohms, 2.1 mm, 1411 / 3528



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	102.3 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	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
K	0.7mm MIN
P	0.35mm MIN
R	1mm REF
X	0.1mm +/-0.1mm REF

Specifications

Capacitance	1 uF
Tolerance	10%
Voltage DC	35 VDC (85C), 23.45 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	4% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	6.5 Ohms (100kHz 25C)
Ripple Current	114 mA (rms, 100kHz 25C)
Leakage Current	0.5 uA (5min 25°C)
Testing and Reliability	Surge Testing (10 Cycles At -55C +/-5C And +85C +/-5C Before Weibull)

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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