

KEMET Part Number: CWR11NH105MCB
(T492C105M050CH4251)



T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 1 uF, 20%, 50 VDC, SMD, MnO2, Molded, Military Equivalent, C (0.01%/1000 Hrs), 6 Ohms, 6032, Height Max = 2.8mm



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:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Military Equivalent
RoHS:	No
Prop 65:	WARNING: Cancer and reproductive harm - 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:	1 uF
Capacitance Tolerance:	20%
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	4% 120Hz 25C
Failure Rate:	C (0.01%/1000 Hrs)
Resistance:	6 Ohms (100kHz 25C)
Leakage Current:	0.5 uA (5min 25°C)
Testing and Reliability:	Surge Testing At -55C And +85C After Weibull

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