

KEMET Part Number: CWR11FC225KB
(T492A225K010BC)



T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 2.2 uF, 10%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 8 Ohms, 3216, Height Max = 1.8mm



Dimensions

Footprint		3216
L		3.2mm +/-0.2mm
W		1.6mm +/-0.2mm
H		1.6mm +/-0.2mm
T		0.13mm REF
S		0.8mm +/-0.3mm
F		1.2mm +/-0.1mm
B		0.4mm +/-0.15mm
E		1.3mm REF
G		1.1mm REF
K		0.7mm MIN
P		0.35mm MIN
R		0.4mm REF
X		0.1mm +/-0.1mm

Packaging Specifications

Packaging:	T&R, 178mm
Packaging Quantity:	2000

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:	652b281f-d242-4453-bc44-0655d646cec3
Termination:	Hot Solder Dipped
Qualifications:	MIL-PRF-55365/8, CWR11 Style
AEC-Q200:	No
Component Weight:	58.97 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:	10%
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	B (0.1%/1000 Hrs)
Resistance:	8 Ohms (100kHz 25C)
Leakage Current:	0.5 uA (5min 25°C)
Testing and Reliability:	Standard Testing Only

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