

**KEMET Part Number: CWR11MK224KBB**  
(T492A224K035BK4251)



T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, .22 uF, 10%, 35 VDC, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 18 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:	<b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .
SCIP Number:	656db0b8-8445-4117-82f2-2f12e764f0b1
Termination:	Solder Fused
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:	.22 uF
Capacitance 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:	B (0.1%/1000 Hrs)
Resistance:	18 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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