

**KEMET Part Number: CWR11FH685KCC**  
(T492B685K010CH4252)



T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 10%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, C (0.01%/1000 Hrs), 3.5 Ohms, 3528, Height Max = 2.1mm



Dimensions	
Footprint	3528
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

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:	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination:	Solder Coated
Qualifications:	MIL-PRF-55365/8, CWR11 Style
AEC-Q200:	No
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

Specifications	
Capacitance:	6.8 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:	C (0.01%/1000 Hrs)
Resistance:	3.5 Ohms (100kHz 25C)
Leakage Current:	0.7 uA (5min 25°C)
Testing and Reliability:	Surge Testing At -55C And +85C Before Weibull

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