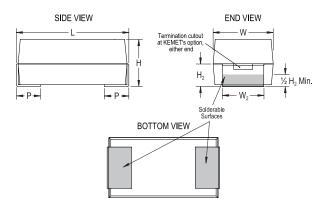
## **KEMET Part Number: CWR11FC685KB**

(T492B685K010BC)



T492\_CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 10%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 3.5 Ohms, 3528, Height Max = 2.1mm



Dimensions		
Footprint	3528	
L	3.5mm +/-0.2mm	
W	2.8mm +/-0.2mm	
Н	1.9mm +/-0.2mm	
Т	0.13mm REF	
S	0.8mm +/-0.3mm	
F	2.2mm +/-0.1mm	
A	2.1mm MIN	
В	0.4mm +/-0.15mm	
E	2.2mm REF	
G	1.8mm REF	
K	0.7mm MIN	
Р	0.35mm MIN	
R	1mm REF	
Х	0.1mm +/-0.1mm	

Packaging Specifications		
Weight:	102.3 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2500	

General Information	
Supplier:	KEMET
Series:	T492_CWR11
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Military Equivalent
RoHS:	No
Termination:	Hot Solder Dipped
Qualifications:	MIL-PRF-55365/8, CWR11 Style
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". P And R Dimensions Represents The Minimum Solderable Area Of The Termination Surface Entirely Below Cutout (If One Is Present)

Specifications		
Capacitance:	6.8 uF	
Capacitance Tolerance:	10%	
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)	
Temperature Range:	-55/+125C	
Rated Temperature:	85C	
Dissipation Factor:	6.00%	
Failure Rate:	B (0.1%/1000 Hrs)	
Resistance:	3.5 Ohms (100kHz)	
Leakage Current:	0.7 uA (20C)	
Testing and Reliability:	Standard Testing Only	

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