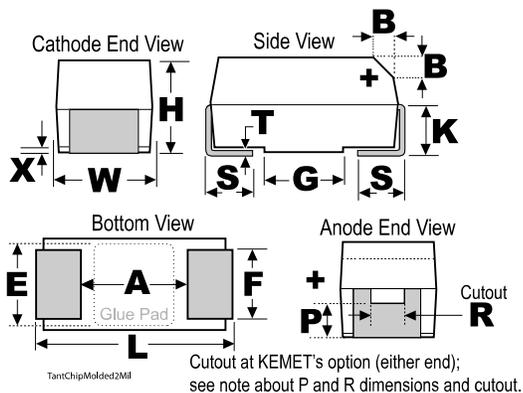


**KEMET Part Number: T492B685K010BC**  
(CWR11FC685KB)



Capacitor, Tantalum, 6.8 uF, 3528, +/-10% Tol, -55/+125C, 10 VDC (85C), Failure Rate=B (0.1%/1000 Hrs)



General Information	
Supplier:	KEMET
Application:	MIL-PRF-55365/8
Part Type Description:	SMD, MnO2, Molded, Military Equivalent
Construction:	Standard Chip-MnO2
Body Type:	SMD Chip
Termination:	Hot Solder Dipped
Footprint:	3528
Weight:	102.3 mg
Approvals:	MIL-PRF-55365/8, CWR11 Style
RoHS:	No

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.5	+/-0.2
W	2.8	+/-0.2
H	1.9	+/-0.2
K	0.7	MIN
F	2.2	+/-0.1
S	0.8	+/-0.3
B	0.4	+/-0.15
X	0.1	+/-0.1
P	0.35	MIN
R	1	REF
T	0.13	REF
A	2.1	MIN
G	1.8	REF
E	2.2	REF

Specifications	
Capacitance:	6.8 uF
Tolerance:	+/-10%
Voltage:	10 VDC (85C)
Voltage:	6.7 VDC (125C)
Temperature Range:	-55/+125C
Testing:	Standard Testing Only
Resistance/ESR:	3.5 Ohms (100kHz)
Failure Rate:	B (0.1%/1000 Hrs)
Leakage Current:	0.7 uA
Dissipation Factor:	6%

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Quantity:	2500

**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)

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