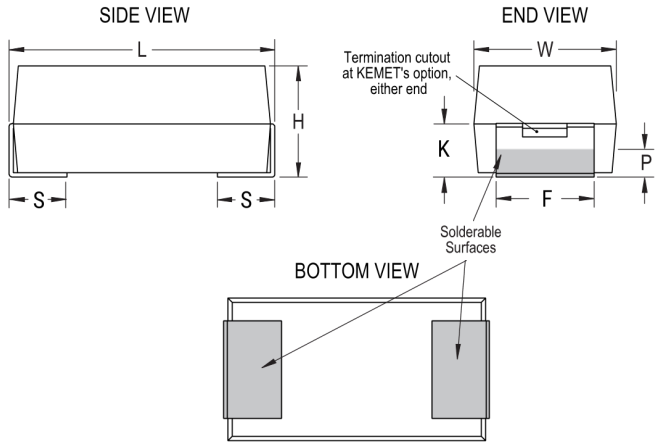
CWR11JB685MP

Aliases (T492C685M020PB)

T492 CWR11, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 20%, 20 VDC, SMD, MnO2, Molded, Military Equivalent, P (0.1%/1000 Hrs), 2.4 Ohms, 6032, 2.8mm



Click here for the 3D model.

General Information	
Series	T492 CWR11
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Military Equivalent
RoHS	Yes
Termination	Gold
Qualifications	MIL-PRF-55365/8, CWR11 Style
AEC-Q200	No
Typical Component Weight	224.2 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

Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
K	1mm MIN
P	0.5mm MIN
R	1mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance	6.8 uF
Capacitance Tolerance	20%
Voltage DC	20 VDC (85C), 13.4 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	P (0.1%/1000 Hrs)
ESR	2.4 Ohms (100kHz 25C)
Ripple Current	214 mA (rms, 100kHz 25C)
Leakage Current	1.4 uA (5min 25°C)
Testing and Reliability	Standard Testing Only

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

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