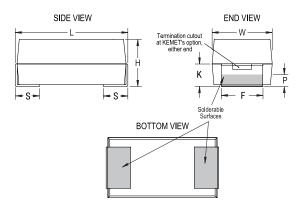
KEMET Part Number: CWR29MB685JCGC

(T429G685J035CB4252)



T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 5%, 35 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, C (0.01%/1000 Hrs), 400 mOhms, 6728, Height Max = 3.17mm



Dimensions	
Footprint	6728
L	6.73mm +/-0.38mm
W	2.79mm +/-0.38mm
Н	2.79mm +/-0.38mm
S	1.27mm +0.25/-0.13mm
F	2.67mm +/-0.13mm
K	1.52mm MIN
Р	0.76mm MIN

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

General Information		
Series:	T429 CWR29	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded, Military Equivalent, Low ESR	
RoHS:	Yes	
Termination:	Gold	
Qualifications:	MIL-PRF-55365/11, CWR29 Style	
AEC-Q200:	No	
Component Weight:	266.42 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:	5%
Voltage DC:	35 VDC (85C), 23.45 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	C (0.01%/1000 Hrs)
Resistance:	0.4 Ohms (100kHz 25C)
Leakage Current:	3 uA (5min 25°C)
Testing and Reliability:	Surge Testing At -55C And +85C Before Weibull

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