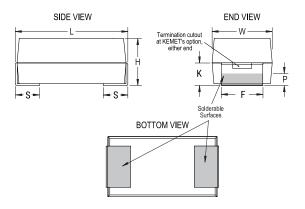
KEMET Part Number: CWR29MK685KCGC

(T429G685K035CK4252)



T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 10%, 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:	No	
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.	
SCIP Number:	656db0b8-8445-4117-82f2-2f12e	764f0b1
Termination:	Solder Fused	
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:	10%	
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	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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