

**KEMET Part Number: CWR29KH685KCF**  
(T429F685K025CH)



T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 10%, 25 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, C (0.01%/1000 Hrs), 800 mOhms, 5634, Height Max = 2.16mm



Dimensions	
Footprint	5634
L	5.59mm +/-0.38mm
W	3.43mm +/-0.38mm
H	1.78mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	3.3mm +/-0.13mm
K	1.02mm MIN
P	0.51mm 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:	<b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .
SCIP Number:	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination:	Solder Coated
Qualifications:	MIL-PRF-55365/11, CWR29 Style
AEC-Q200:	No
Component Weight:	173.63 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:	25 VDC (85C), 16.75 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	C (0.01%/1000 Hrs)
Resistance:	0.8 Ohms (100kHz 25C)
Leakage Current:	2 uA (5min 25°C)
Testing and Reliability:	Standard Testing Only

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