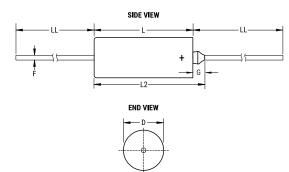
## KEMET Part Number: T242B685K050BS

(M39003/03-2080{KEM}, CSR23G685KB)



## T242\_CSR23, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 10%, 50 VDC, 2 Ohms



Dimensions		
D	4.7mm +/-0.25mm	
L	12.04mm +/-0.79mm	
L2	15.49mm	
LL	38.1mm +/-6.35mm	
F	0.51mm +/-0.05mm	
G	3.45mm +0.79mm	

Packaging Specifications	
Packaging:	Bulk, Box
Packaging Quantity:	75

General Information		
Supplier:	KEMET	
Series:	T242_CSR23	
Dielectric:	MnO2 Tantalum	
Style:	Axial Hermetic	
Description:	Axial, Solid Tantalum, Hermetically Sealed, Military, Polar, CSR23 Style	
Features:	Extended Capacitance, Polar, Low Leakage	
RoHS:	No	
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.	
REACH:	SVHC (Pb - CAS 7439-92-1)	
Termination:	Lead (SnPb)	
Lead:	Wire Leads	
Qualifications:	MIL-PRF-39003, CSR23 Style	
Construction:	Hermetic	
Notes:	Dimensions Include Insulating Sleeve. Lead Length Shown Is For Parts Supplied With Bulk Packaging, When Supplied On T&R Or Ammo, Lead Length Is Determined By Taping Specification	

Specifications		
Capacitance:	6.8 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC (85C), 40 VDC (125C Surge), 0.5 VDC (125C Reverse)	
Temperature Range:	-55/+125C	
Failure Rate:	B (0.1%/1000 Hrs)	
Resistance:	2 Ohms (100kHz)	
Ripple Current:	224 mAmps (100kHz)	
Leakage Current:	2.5 uA	
Testing and Reliability:	Standard Testing To MIL- PRF-39003	

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.

