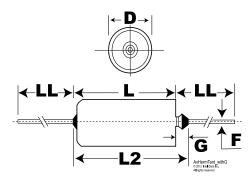
## **KEMET Part Number: M39003/03-0118**

(T242A825K010MS, CSR23C825KM)



## Capacitor, Tantalum, 8.2 uF, +/-10% Tol, 10V@85C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	3.43	+/-0.25	
L	7.26	+/-0.79	
L2	10.72		
F	0.51	+/-0.05	
LL	38.1	+/-6.35	
G	3.46	+0.79	

## Notes:

- -Dimensions include insulating sleve (standard)
- -Lead length shown is for parts supplied with bulk packaging. When supplied on T&R or AMMO, lead length is determined by taping specification.
- -Failure rates M ,P, R, and S are obsolete for new designs as of 1982. Mil-PRF-39003 suggests B failure rate as replacement.

General Information		
Supplier:	KEMET	

Specifications		
Value:	8.2 uF	
Voltage DC @ 85C:	10V	
Voltage DC @ 125C:	6.3V	
Tolerance:	+/-10%	
Application:	Military ER/General Purpose	
Body Type:	Axial Hermetic ('cs13-style')	
Temperature Range:	-55/+125C	
Termination Type:	Tin-Lead (SnPb)	
Testing:	Standard Testing to Mil- PRF-39003	
ESR:	6 Ohm	
ESR Frequency @ 25C:	100 kHz	
Leakage Current:	1.2 uA	
Dissipation Factor:	6%	

Packaging Specifications		
Package Kind:	Bulk	
Package Type:	Вох	

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.

