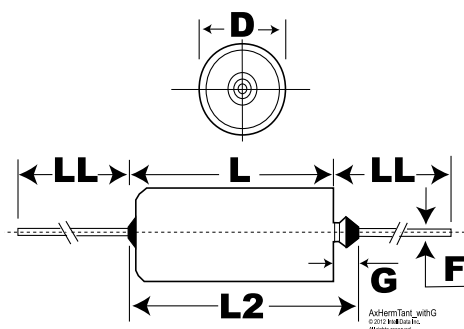


KEMET Part Number: M39003/03-0118
(T242A825K010MS, CSR23C825KM)

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 sleeve (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:	Box