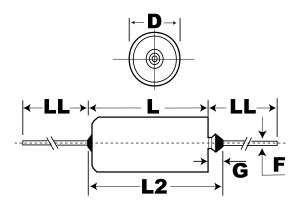
KEMET Part Number: M39003/03-3018

(T242A825K010CS, CSR23C825KC)



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 | +0 | |
| 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. See taping spec for T&R or AMMO.

| General Information | | |
|---------------------|-------|--|
| /lanufacturer: | KEMET | |

| Electrical 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 | |
| Testing: | Standard Testing to Mil- PRF-39003 | |
| ESR: | 6 Ohm | |
| ESR Frequency @ 25C: | 100kHz | |
| 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.

