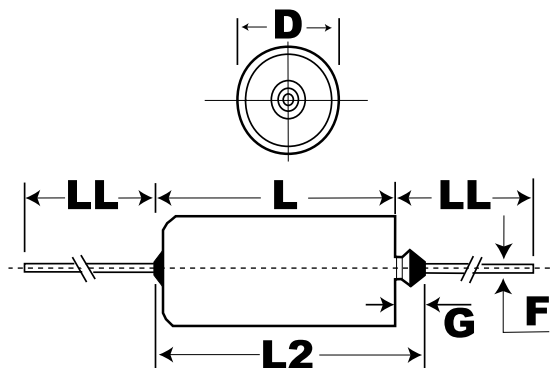


**KEMET Part Number: M39003/01-2981**  
(T212C107K010SS, CSR13C107KS)

Capacitor, tantalum, 100 uF, +/-10% Tol, 10V@85C



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| D               | 7.34      | +/-0.25   |
| L               | 17.42     | +/-0.79   |
| L2              | 20.88     | +0        |
| F               | 0.64      | +/-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. See taping spec for T&R or AMMO.
- Failure rates M,P,R,and S are obsolete as of 1982. Mil-PRF-39003 suggests B as replacement.

| General Information |       |
|---------------------|-------|
| Manufacturer:       | KEMET |

| Electrical Specifications |                                   |
|---------------------------|-----------------------------------|
| Value:                    | 100 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:                      | 1 Ohm                             |
| ESR Frequency @ 25C:      | 100kHz                            |
| Leakage Current:          | 5 uA                              |
| Dissipation Factor:       | 6%                                |

| Packaging Specifications |      |
|--------------------------|------|
| Package Kind:            | Bulk |
| Package Type:            | Tray |