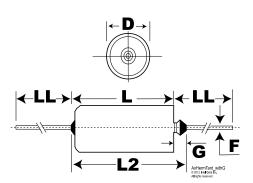
## KEMET Part Number: T252B106K035BS

(M39003/06-2066, CSR33F106KB)



## Capacitor, Tantalum, 10 uF, +/-10% Tol, 35 V



| General Information |                         |
|---------------------|-------------------------|
| Supplier:           | KEMET                   |
| Application:        | Military ER/Low Leakage |
| Sub Application:    | ExtendedRange           |
| Body Type:          | Axial Hermetic          |
| Lead Type:          | Un-insulated Wire       |
| Termination Type:   | Tin-Lead (SnPb)         |
| RoHS:               | No                      |

| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| D               | 4.7       | +/-0.25   |  |
| L               | 12.04     | +/-0.79   |  |
| L2              | 15.49     |           |  |
| F               | 0.51      | +/-0.05   |  |
| LL              | 38.1      | +/-6.35   |  |
| G               | 3.45      | +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

| Specifications          |                                       |  |
|-------------------------|---------------------------------------|--|
| Capacitance:            | 10 uF                                 |  |
| Tolerance:              | +/-10%                                |  |
| Voltage:                | 35 VDC (85C)                          |  |
| Voltage:                | 28 VDC (125C Surge)                   |  |
| Voltage:                | 0.35 V (125C Reverse)                 |  |
| Temperature Range:      | -55/+125C                             |  |
| Current/Ripple Current: | 224 mAmps (100kHz)                    |  |
| Resistance/ESR:         | 2 Ohms (100kHz)                       |  |
| Failure Rate:           | B (0.1%/1000 Hrs)                     |  |
| Testing:                | Standard Testing To MIL-<br>PRF-39003 |  |
| Leakage Current:        | 1 uA                                  |  |
| Dissipation Factor:     | 6%                                    |  |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Package Kind:            | Bulk |  |
| Package Type:            | Box  |  |
| Package Quantity:        | 75   |  |

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