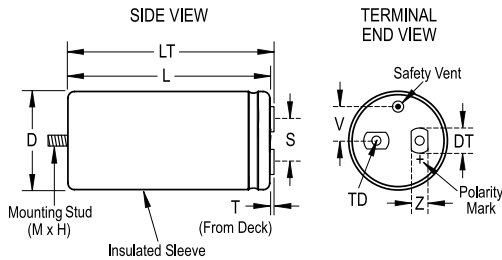


Capacitor, aluminum, 1800 uF, +/-20% Tol, -40/+85C, 550 VDC@85C



| General Information    |   |
|------------------------|---|
| Supplier:              | KEMET   |
| Application:           | General Purpose                                   |
| Part Type Description: | High Voltage Screw Terminal Aluminum Electrolytic |
| Style:                 | Screw Terminal                                    |
| Lead Type:             | Oval Threaded Inserts- M5                         |
| Mounting Type:         | Stud  |
| Weight:                | 690 g   |
| RoHS:                  | Yes   |

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| D               | 77        | +/-1      |
| L               | 105       | +/-2      |
| LT              | 110.5     | +/-1      |
| S               | 31.8      | +/-0.5    |
| T               | 5.5       | +/-0.5    |
| TD              | 10        | MIN       |
| DT              | 13        | +/-0.5    |
| V               | 19        | NOM       |
| Z               | 10        | NOM       |

| Specifications          |                         |
|-------------------------|-------------------------|
| Capacitance:            | 1800 uF                 |
| Voltage:                | 550 VDC                 |
| Tolerance:              | +/-20%                  |
| Voltage:                | 605 VDC (Surge)         |
| Rated Temperature:      | 85C                     |
| Temperature Range:      | -40/+85C                |
| Life:                   | 20000 Hrs               |
| Leakage Current:        | 5.94 mA                 |
| Leakage Condition:      | uAmps (5min 20C)        |
| Resistance/ESR:         | 166.5 mOhms (100Hz 20C) |
| Resistance/ESR:         | 147 mOhms (10kHz 20C)   |
| Current/Ripple Current: | 10.33 Amps (100Hz 85C)  |
| Current/Ripple Current: | 15.99 Amps (10kHz 85C)  |

Notes:

- Dimensions D And L Include Sleaving
- MS (MxH) = M12x16

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