## 2.4 CONTAINER, COVER AND LID

These are made for ABS720 Resin, a synthetic resin, which has a superior acid resistance and durability. The container and cover are designed to be completely sealed to prevent any leakage of electrolyte and gas.

Characteristics:

| Parameter | Contents |
|---|---|
| Quality of the Material | ABS 720 Resin |
| Durability of Electric pressure | Pressure 550mV and endurable 3 sec |
| Durability of Impact | 18 kg.cm /cm |
| Durability in flames | 97g/10min |
| Tensile Strength | 580 kg/cm$^2$ |
| Hardness | 115 R Scale |
| Contractibility | 0.4% - 0.7% |

## 2.5 TERMINAL

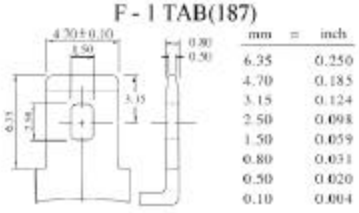
The terminals may be various type.
Excellent terminal sealing construction has been achieved by using long mechanical sealing paths and the selection of small shrinkage ratios for the sealing materials.

Characteristics:

| Parameter | Contents |
|---|---|
| Quality of the Material | 1. Brass coated by Silver<br>2. Brass coated by Pb-Sn Alloy<br>3. Ca – alloy lead (Ca-0.1%) |

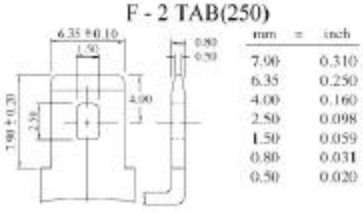
TERMINALS

F - 1 TAB(187)



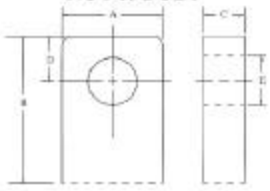
| mm | = | inch |
|---|---|---|
| 6.35 | | 0.250 |
| 4.70 | | 0.185 |
| 3.15 | | 0.124 |
| 2.50 | | 0.098 |
| 1.50 | | 0.059 |
| 0.80 | | 0.031 |
| 0.50 | | 0.020 |
| 0.10 | | 0.004 |

F - 2 TAB(250)



| mm | = | inch |
|---|---|---|
| 7.90 | | 0.310 |
| 6.35 | | 0.250 |
| 4.00 | | 0.160 |
| 2.50 | | 0.098 |
| 1.50 | | 0.059 |
| 0.80 | | 0.031 |
| 0.50 | | 0.020 |

NUT & BOLT



NUT DIMENSIONS (MM/INCH) & TIGHTENING TORQUE

| TYPE | A | B | C | D | E | BOLT TYPE | TORQUE (kgf · cm) |
|---|---|---|---|---|---|---|---|
| MX 12170 | 12.0 / 0.472 | 11.5 / 0.453 | 20.0 / 0.079 | 5.5 / 0.217 | 5.5 / 0.217 | M5 | 20 - 30 |
| MX 12240 | | | | | | | |
| MX 12310 | 14.0 / 0.551 | 13.0 / 0.512 | 3.0 / 0.118 | 5.5 / 0.217 | 5.5 / 0.217 | | |
| MX 12400 | 15.0 / 0.591 | 15.0 / 0.591 | 5.0 / 0.197 | 7.5 / 0.295 | 5.5 / 0.217 | M6 | 40 - 55 |
| MX 12600 | 18.0 / 0.709 | 20.5 / 0.807 | 6.0 / 0.236 | 9.5 / 0.374 | 6.5 / 0.256 | | |
| MX 12700 | | | | | | | |
| MX 121000 | 23.0 / 0.906 | 25.0 / 0.984 | 8.0 / 0.315 | 11.5 / 0.453 | 11.0 / 0.433 | M10 | 150 - 200 |
| MX 122000 | 23.0 / 0.906 | 27.0 / 1.063 | 8.0 / 0.315 | 12.0 / 0.472 | 11.0 / 0.433 | | |