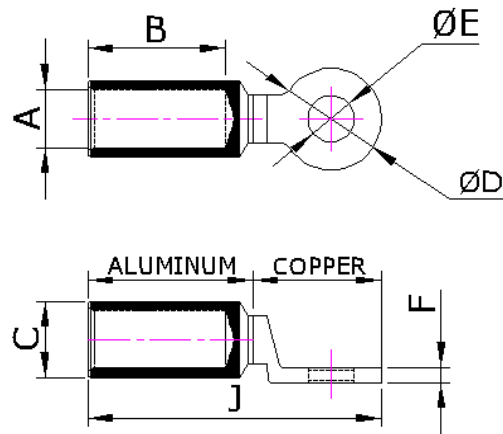


## Aluminium-Copper Bi-Metal Terminals with Copper Palms (MGBT Series)



### Technical Specification

**Material:** Aluminum Barrel, Copper Palm

**Surface:** Tin-plated to protect against corrosion

**Minimum operating temperature:** -50 °C

**Maximum operating temperature:** 150 °C

**Reference standard:** Indian Standards

### Features

- Annealed material optimizes material and crimping properties
- ETP Electrolytic Grade Copper.
- Tin-plated 5 micron plus to protect against corrosion.
- Crack free crimping.
- Bur free connection surface.
- Lowest millivolt drop for DC current application.
- Simple and safe connection.
- Terminate power cables in high-voltage applications.
- Provided with inspection hole to ensure the conductor has been fully inserted before crimping is

## Aluminium-Copper Bi-Metal Terminals with Copper Palms (MGBT Series)

done.

- Flat contact surface to avoid hotspot.

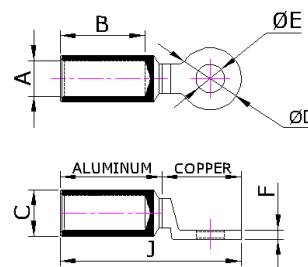
### ALUMINIUM-COPPER BI-METAL TERMINAL WITH COPPER PALMS

Aluminium Barrel , Copper Palm

Final Metal State : Fully Annealed Including Joint

Joining method friction welding

Surface : Natural



| Sq.mm. | E    | A    | C  | D  | F   | B  | J   | MG PART CODE |
|--------|------|------|----|----|-----|----|-----|--------------|
| 16     | 6.5  | 6.5  | 16 | 20 | 3   | 42 | 80  | MGBT-16-6    |
| 16     | 10.5 | 6.5  | 16 | 20 | 3   | 42 | 80  | MGBT-16-10   |
| 25     | 8.5  | 7.5  | 16 | 20 | 3   | 42 | 80  | MGBT-25-8    |
| 25     | 10.5 | 7.5  | 16 | 20 | 3   | 42 | 80  | MGBT-25-10   |
| 35     | 8.5  | 8.5  | 16 | 20 | 3   | 42 | 80  | MGBT-35-8    |
| 35     | 10.5 | 8.5  | 16 | 20 | 3   | 42 | 80  | MGBT-35-10   |
| 50     | 13   | 9.8  | 20 | 25 | 4.5 | 43 | 90  | MGBT-50-12   |
| 70     | 13   | 11.5 | 20 | 25 | 4.5 | 43 | 90  | MGBT-70-12   |
| 95     | 13   | 13.5 | 20 | 25 | 4.5 | 43 | 90  | MGBT-95-12   |
| 120    | 13   | 15   | 25 | 30 | 5.5 | 60 | 115 | MGBT-120-12  |

## Aluminium-Copper Bi-Metal Terminals with Copper Palms (MGBT Series)

| Sq.mm. | E  | A    | C  | D  | F   | B  | J   | MG PART CODE |
|--------|----|------|----|----|-----|----|-----|--------------|
| 150    | 13 | 16.5 | 25 | 30 | 5.5 | 60 | 115 | MGBT-150-12  |
| 185    | 13 | 18.5 | 32 | 35 | 6   | 60 | 120 | MGBT-185-12  |
| 185    | 15 | 18.5 | 32 | 35 | 6   | 60 | 120 | MGBT-185-14  |
| 240    | 13 | 21.5 | 32 | 35 | 6   | 60 | 120 | MGBT-240-12  |
| 240    | 15 | 21.5 | 32 | 35 | 6   | 60 | 120 | MGBT-240-14  |
| 300    | 13 | 23.5 | 34 | 35 | 6   | 72 | 127 | MGBT-300-12  |
| 300    | 17 | 23.5 | 34 | 35 | 6   | 72 | 127 | MGBT-300-16  |
| 400    | 17 | 26   | 40 | 36 | 7   | 93 | 160 | MGBT-400-16  |
| 630    | 17 | 32.5 | 47 | 50 | 9   | 94 | 180 | MGBT-630-16  |