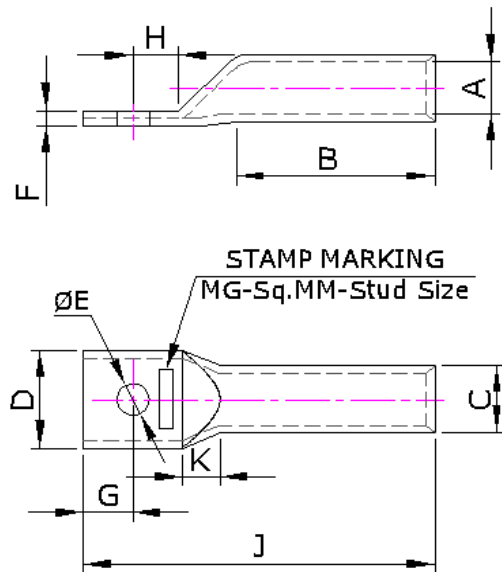


## Aluminum Long Barrel Tubular Terminal Ends for XLPE



### Technical Specification

**Material:** Aluminum IS 5082

**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 done.

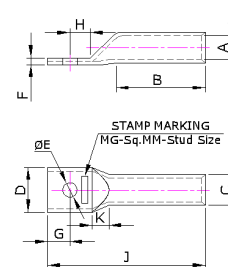
## Aluminum Long Barrel Tubular Terminal Ends for XLPE

- Flat contact surface to avoid hotspot.

### ALUMINUM LONG BARREL TUBULAR TERMINAL ENDS FOR XLPE

MATERIAL : ALUMINIUM IS : 5082 : 1998

SURFACE : NATURAL



| Size<br>mm <sup>2</sup> | Stud<br>Hole | A    | C    | D    | F   | B   | K  | H  | G  | J   | MG CAT NO.   | Crim-<br>ping<br>Tools<br>Code |
|-------------------------|--------------|------|------|------|-----|-----|----|----|----|-----|--------------|--------------------------------|
| 25                      | 8.2          | 7.2  | 9.6  | 14   | 2.4 | 41  | 7  | 12 | 9  | 69  | MGAXT-25-8   | MG-50BS                        |
| 35                      | 8.2          | 8.3  | 11.1 | 16   | 2.8 | 50  | 7  | 11 | 11 | 79  | MGAXT-35-8   | MG-50BS                        |
| 50                      | 10.2         | 10.1 | 13.5 | 19.5 | 3.4 | 49  | 8  | 13 | 11 | 81  | MGAXT-50-10  | MG-120                         |
| 70                      | 10.2         | 10.2 | 14.5 | 20.5 | 4.3 | 62  | 8  | 13 | 13 | 96  | MGAXT-70-10  | MG-120                         |
| 95                      | 13.0         | 12   | 16.9 | 23.5 | 4.9 | 73  | 8  | 14 | 14 | 109 | MGAXT-95-12  | MG-120                         |
| 120                     | 13.0         | 13.7 | 19   | 26.5 | 5.3 | 73  | 11 | 15 | 15 | 114 | MGAXT-120-12 | MG-120                         |
| 150                     | 13.0         | 15.1 | 21.1 | 29.5 | 6.1 | 83  | 11 | 17 | 17 | 128 | MGAXT-150-12 | MG-300H                        |
| 185                     | 13.0         | 16.6 | 23.9 | 33   | 7.3 | 83  | 12 | 18 | 18 | 131 | MGAXT-185-12 | MG-300H                        |
| 225                     | 13.0         | 18.6 | 26.1 | 36   | 7.5 | 86  | 14 | 20 | 20 | 140 | MGAXT-225-12 | MG-300H                        |
| 240                     | 13.0         | 19.3 | 27.2 | 37.5 | 7.9 | 86  | 14 | 22 | 22 | 144 | MGAXT-240-12 | MG-300H                        |
| 300                     | 20.3         | 21.8 | 30.2 | 42   | 8.4 | 89  | 14 | 27 | 27 | 157 | MGAXT-300-20 | MG-300H                        |
| 400                     | 20.3         | 25   | 34.8 | 48   | 9.8 | 113 | 13 | 30 | 30 | 187 | MGAXT-400-20 | MG-1000                        |

## Aluminum Long Barrel Tubular Terminal Ends for XLPE

| Size<br>mm <sup>2</sup> | Stud<br>Hole | A    | C    | D    | F    | B   | K  | H  | G  | J   | MG CAT NO.        | Crim-<br>ping<br>Tools<br>Code |
|-------------------------|--------------|------|------|------|------|-----|----|----|----|-----|-------------------|--------------------------------|
| 500                     | 20.3         | 28.2 | 39.1 | 54   | 10.9 | 125 | 15 | 32 | 32 | 205 | MGAXT-500-20      | MG-1000                        |
| 630                     | 20.3         | 31.7 | 44.4 | 61   | 12.7 | 140 | 16 | 34 | 34 | 225 | MGAXT-630-20      | MG-1000                        |
| 800                     | 20.3         | 35.7 | 49.5 | 68   | 13.8 | 147 | 25 | 39 | 39 | 250 | MGAXT-800-20      | MG-1000                        |
| 1000                    | 20.3         | 41   | 56   | 77.5 | 15   | 160 | 30 | 45 | 45 | 280 | MGAXT-1000-<br>20 | MG-1000                        |

\*All dimensions are in mm

**73**