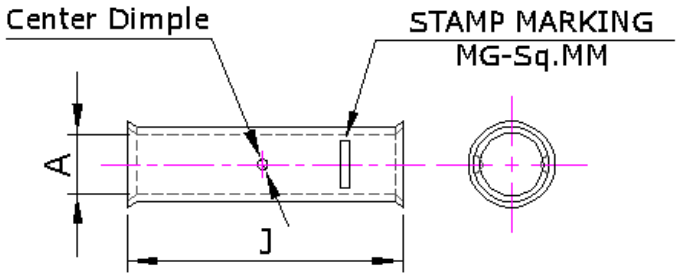
# Copper Connector as Per Australian Standards




## Technical Specification

**Material**: Copper BS 1977:1976 & IS 1897

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

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

**Maximum operating temperature**: 150 °C

**Reference standard**: AS/AZ 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

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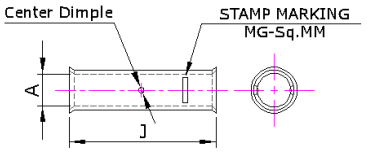
| | |
|---|---|
| | done.<br>• Flat contact surface to avoid hotspot. |

## COPPER CONNECTOR AS PER AUSTRALIAN STANDARD

MATERIAL :
COPPER IS
191:2007
SURFACE: TIN
PLATED




| Size mm2 | A | J | MG CAT NO. | Crim- ping Tools Code |
|---|---|---|---|---|
| 2.5 | 2.5 | 22.2 | MGAHC-2.5 | MG-10 |
| 4 | 3.3 | 22.2 | MGAHC-4 | MG-10 |
| 6 | 3.8 | 22.2 | MGAHC-6 | MG-10 |
| 10 | 4.7 | 22.2 | MGAHC-10 | MG-50BS |
| 16 | 5.5 | 44.4 | MGAHC-16 | MG-50BS |
| 25 | 7.1 | 47.6 | MGAHC-25 | MG-50BS |
| 35 | 8.4 | 47.6 | MGAHC-35 | MG-50BS |
| 50 | 9.5 | 47.6 | MGAHC-50 | MG-120 |
| 70 | 11.3 | 50.8 | MGAHC-70 | MG-120 |

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| Size mm2 | A | J | MG CAT NO. | Crim- ping Tools Code |
|---|---|---|---|---|
| 95 | 13.4 | 54 | MGAHC-95 | MG-120 |
| 120 | 15.5 | 65.1 | MGAHC-120 | MG-300H |
| 150 | 16.3 | 65.1 | MGAHC-150 | MG-300H |
| 185 | 18.4 | 65.1 | MGAHC-185 | MG-300H |
| 240 | 21.2 | 88.9 | MGAHC-240 | MG-300H |
| 300 | 23.8 | 88.9 | MGAHC-300 | MG-300H |
| 400 | 26.8 | 88.9 | MGAHC-400 | MG-1000 |
| 500 | 30 | 114.3 | MGAHC-500 | MG-1000 |
| 630 | 35.0 | 114.3 | MGAHC-630 | MG-1000 |
| 64 | | | *All dimensions are in mm | |