

Features

- Waterproof IP67 rating guarantees protection against extended immersion under higher pressures
- Voltage rating of 30V AC/DC
- Current rating of 1.5A
- Gold-plated brass contacts for corrosion resistance
- Threaded mating type
- Operating temperature range from -25°C to 80°C
- Nickel plated brass shell
- Conforms to standards IEC 61076-2-104

RS PRO Male M8 6 Pin A-code Connector

RS Stock No.: 0335201



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Product Description

The 6 pin male M8 metal back mount socket connector had been widely used for automotive and sensor application, it's unshielded.

General Specifications

| | |
|------------------------|--------------------|
| Number of Contacts | 6 |
| Shielding | unshielded |
| Housing Material | Brass |
| Contact Material | Brass |
| Contact Plating | Gold |
| Pole Format | 6 pin |
| Contact Gender | Male |
| Mating Type | Threaded |
| Body Orientation | Straight |
| Mating Cycles | 500 |
| Cable limits | / |
| Typical conductor size | / |
| Application | Sensor, automation |

Electrical Specifications

| | |
|-----------------------|--------------------------|
| Plug/Socket | Socket |
| Current Rating | 1.5A |
| Voltage Rating | 30V AC/DC |
| Insulation Resistance | $\geq 100\text{M}\Omega$ |

Mechanical Specifications

| | |
|--------------------|--|
| Connector Size | Standard |
| Termination Method | PCB |
| Mounting Type | Panel mount |
| Panel Cut-Out | $\varnothing 8.1\text{mm} \times 7.2\text{mm}$ |
| Contact Diameter | $\varnothing 0.7\text{mm}$ |

Operation Environment Specifications

| | |
|-----------------------|---------------|
| Operating Temperature | -25°C to 80°C |
|-----------------------|---------------|

Protection Category

| | |
|-----------|------|
| IP Rating | IP67 |
|-----------|------|

Approvals

| | |
|---------------------------|-----------------------|
| Compliance/Certifications | CE, RoHS, REACH, IP67 |
|---------------------------|-----------------------|

Dimensions in mm

