

Datasheet

## RS Pro 306A Series, Cable Mount PCB Header Plug, 8 Way, 2 Row, 2.54mm Pitch

RS Stock No: **642-5102**



### Product Details

RS Pro PCB header plug consists of 2-row transition connectors on a 2.54 mm grid pitch. This cable mount plug features 8 contacts and straight orientation. It has glass fibre reinforced PBT housing and 0.8  $\mu\text{m}$  phosphor bronze contact with gold plating.

### Features and Benefits

- 0.8  $\mu\text{m}$  gold plated contacts for permanent PCB solder connection
- Straight orientation
- Phosphor bronze contact
- Glass fibre reinforced PBT housing

**Specifications:**

|                               |                            |
|-------------------------------|----------------------------|
| Body Orientation              | Straight                   |
| Contact Material              | Phosphor Bronze            |
| Contact Plating               | Gold                       |
| Current Rating                | 1 A                        |
| Gender                        | Male                       |
| Housing Material              | Glass Fibre Reinforced PBT |
| Maximum Operating Temperature | +105°C                     |
| Minimum Operating Temperature | -40°C                      |
| Mounting Type                 | Cable Mount                |
| Number of Contacts            | 8                          |
| Number of Rows                | 2                          |
| Pitch                         | 2.54 mm                    |
| Termination Method            | IDT                        |
| Contact Resistance            | 30 mΩ Maximum              |
| Insulation Resistance         | 1000 MΩ at 500 V dc        |