



**Part Number :** [936010197](#)

**Product Description :** GWconnect Screw Terminal Insert, Female, 4-Pole, 80A, with Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27»

**Series Number :** 93601

**Status :** Active

**Product Category :** Heavy-Duty Connectors

**Engineering Number :** 7304.6044.0



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## Product Environment Compliance

### Compliance

|                    |  |
|--------------------|--|
| GADSL/IMDS         | Not Relevant                                   |
| China RoHS         |  |
| EU ELV             | Not Relevant                                   |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                 |
| REACH SVHC         | Contains Lead per D(2024)7663-DC (21 Jan 2025) |
| EU RoHS            | Compliant per EU 2015/863                      |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

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## Part Details

### General

|        |        |
|--------|--------|
| Status | Active |
|--------|--------|

|                |   |
|----------------|---|
| Category       | Heavy-Duty Connectors   |
| Series         | 93601   |
| Description    | GWconnect Screw Terminal Insert, Female, 4-Pole, 80A, with Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27» |
| Component Type | Inserts - Screw Terminal  |
| Insert Series  | S-K4/0  |
| Product Name   | GWconnect   |
| Standard       | CSA C22.2 NO. 182.3, EN 60664-1, EN 61984, UL 1977  |
| UPC            | 887191876054  |

### Agency

|    |         |
|----|---------|
| UL | E249674 |
|----|---------|

### Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 80.0A |
| Voltage - Maximum             | 830V  |
| Wire Protection               | Yes   |

### Physical

|                                |                 |
|--------------------------------|-----------------|
| Component Size                 | 16B «77X27»     |
| Durability (mating cycles max) | 500             |
| Gender                         | Female          |
| Insert Color                   | Grey            |
| Material - Contact             | Copper Alloy    |
| Material - Insert              | Polycarbonate   |
| Material - Plating             | Silver          |
| Net Weight                     | 116.300/g       |
| Number of Rows                 | 2               |
| Packaging Type                 | Bag             |
| Polarized to Mating Part       | Yes             |
| Poles                          | 4               |
| Stripping Length               | 14.00mm, 7.00mm |
| Temperature Range - Operating  | -40° to +125°C  |

|                        |                  |
|------------------------|------------------|
| Tightening Test Torque | 0.50 Nm, 2.50 Nm |
| Wire Size (AWG)        | 14-20, 5-16      |

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## Mates With / Use With

### Mates with Part(s)

| Description   | Part Number      |
|---|------------------|
| GWconnect Screw Terminal Insert, Male, 4-Pole, 80A, with Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27» | <u>936010198</u> |

### Use with Part(s)

| Description | Part Number                         |
|-------------|-------------------------------------|
| Use With    | Size 16B «77x27» Hoods and Housings |