



Part Number : 936010207

Series Number : 93601

Product Category : Heavy-Duty Connectors

Product Description : GWconnect Screw Terminal Insert, Female, 6-Pole, 16A, with Wire Protection, Silver (Ag) Plated Contacts, Size 6B «44x27»

Status : Active

Engineering Number : 7306.6003.0

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)4144-DC (27 June 2024)                                     |
| EU RoHS            | Compliant with Exemption 6(c) 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

Part Details

General

|          |                       |
|----------|-----------------------|
| Status   | Active                |
| Category | Heavy-Duty Connectors |
| Series   | 93601                 |

|                |                                                                                                                          |
|----------------|--------------------------------------------------------------------------------------------------------------------------|
| Description    | GWconnect Screw Terminal Insert, Female, 6-Pole, 16A, with Wire Protection, Silver (Ag) Plated Contacts, Size 6B «44x27» |
| Component Type | Inserts - Screw Terminal                                                                                                 |
| Insert Series  | S-E                                                                                                                      |
| Product Family | GWconnect Heavy Duty Connectors (HDC)                                                                                    |
| Product Name   | GWconnect                                                                                                                |
| Standard       | CSA C22.2 NO. 182.3, EN 60664-1, EN 61984, UL 1977                                                                       |
| UPC            | 887191876658                                                                                                             |

## Agency

|     |         |
|-----|---------|
| CSA | 256883  |
| UL  | E249674 |

## Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 16.0A |
| Voltage - Maximum             | 500V  |
| Wire Protection               | Yes   |

## Physical

|                                |                |
|--------------------------------|----------------|
| Component Size                 | 6B «44x27»     |
| Durability (mating cycles max) | 700            |
| Gender                         | Female         |
| Insert Color                   | Grey           |
| Material - Contact             | Copper Alloy   |
| Material - Insert              | Polycarbonate  |
| Material - Plating             | Silver         |
| Net Weight                     | 48.300/g       |
| Number of Rows                 | 2              |
| Packaging Type                 | Bag            |
| Polarized to Mating Part       | Yes            |
| Poles                          | 6              |
| Stripping Length               | 7.00mm         |
| Temperature Range - Operating  | -40° to +125°C |

|                           |           |
|---------------------------|-----------|
| Tightening Test Torque    | 0.50 Nm   |
| Wire Size (AWG)           | 14-20     |
| Wire Size mm <sup>2</sup> | 0.50-2.50 |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                                                                            | Part Number      |
|------------------------------------------------------------------------------------------------------------------------|------------------|
| GWconnect Screw Terminal Insert, Male, 6-Pole, 16A, with Wire Protection, Silver (Ag) Plated Contacts, Size 6B «44x27» | <u>936010215</u> |

### Use with Part(s)

| Description | Part Number                        |
|-------------|------------------------------------|
| Use With    | Size 6B «44x27» Hoods and Housings |