



**Part Number :** 936010282

**Product Description :** GWconnect Crimp Contact Insert, Male, 16-Pole, 16A, Numbered 17-32, for Crimp Contacts, Size 16B «77x27»

**Series Number :** 93601

**Status :** Active

**Product Category :** Heavy-Duty Connectors

**Engineering Number :** 7316.6164.0



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## Product Environment Compliance

### Compliance

|                    |                                                                                      |
|--------------------|--------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                         |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                         |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21                                                      |
| REACH SVHC         | Not Contained per ED/71/2019 (16 July 2019)                                          |
| 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

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## Part Details

### General

|                |                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                   |
| Category       | Heavy-Duty Connectors                                                                                    |
| Series         | 93601                                                                                                    |
| Description    | GWconnect Crimp Contact Insert, Male, 16-Pole, 16A, Numbered 17-32, for Crimp Contacts, Size 16B «77x27» |
| Component Type | Inserts - Crimp Contact                                                                                  |
| Insert Series  | S-EC                                                                                                     |
| 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            | 887191880907                                                                                             |

#### Agency

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

#### Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 16.0A |
| Voltage - Maximum             | 500V  |

#### Physical

|                                |                |
|--------------------------------|----------------|
| Component Size                 | 16B «77X27»    |
| Durability (mating cycles max) | 700            |
| Gender                         | Male           |
| Insert Color                   | Grey           |
| Material - Insert              | Polycarbonate  |
| Net Weight                     | 57.000/g       |
| Number of Rows                 | 2              |
| Packaging Type                 | Bag            |
| Polarized to Mating Part       | Yes            |
| Poles                          | 16             |
| Temperature Range - Operating  | -40° to +125°C |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                                                                | Part Number      |
|------------------------------------------------------------------------------------------------------------|------------------|
| GWconnect Crimp Contact Insert, Female, 16-Pole, 16A, Numbered 17-32, for Crimp Contacts, Size 16B «77x27» | <u>936010272</u> |

### Use with Part(s)

| Description | Part Number            |
|-------------|------------------------|
| Use With    | Turned Contacts - Male |