



**Part Number :** [936010268](#)  
**Product Description :** GWconnect Screw  
Terminal Insert, Female, 16-Pole, 16A,  
Numbered 17-32, without Wire Protection,  
Silver (Ag) Plated Contacts, Size 16B «77x27»  
**Series Number :** 93601  
**Status :** Active  
**Product Category :** Heavy-Duty Connectors  
**Engineering Number :** 7316.6006.1



## Product Environment Compliance

### Compliance

|                    |              |
|--------------------|--------------|
| China RoHS         | Not Reviewed |
| EU ELV             | Not Reviewed |
| Low-Halogen Status | Not Reviewed |
| REACH SVHC         | Not Reviewed |
| EU RoHS            | Not Reviewed |

### 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, 16-Pole, 16A, Numbered 17-32, without Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27» |
| 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            | 887191880167                                                                                                                                  |

## Agency

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

## Electrical

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

## Physical

|                                |               |
|--------------------------------|---------------|
| Component Size                 | 16B «77X27»   |
| Durability (mating cycles max) | 700           |
| Flammability                   | UL 94V-0      |
| Gender                         | Female        |
| Insert Color                   | Grey          |
| Lock to Mating Part            | Yes           |
| Material - Contact             | Copper Alloy  |
| Material - Insert              | Polycarbonate |
| Material - Plating             | Silver        |
| Net Weight                     | 84.600/g      |
| Number of Rows                 | 2             |
| Packaging Type                 | Bag           |

|                               |                |
|-------------------------------|----------------|
| Polarized to Mating Part      | Yes            |
| Poles                         | 16             |
| Stripping Length              | 7.00mm         |
| Temperature Range - Operating | -40° to +125°C |
| Tightening Test Torque        | 0.50 Nm        |
| Wire Size (AWG)               | 12-20          |
| Wire Size mm <sup>2</sup>     | 0.50-4.00      |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                                                                                                 | Part Number      |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| GWconnect Screw Terminal Insert, Male, 16-Pole, 16A, Numbered 17-32, without Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27» | <u>936010278</u> |

### Use with Part(s)

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