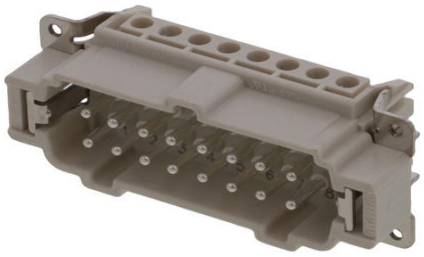
**Part Number :** 936010273
**Product Description :** Heavy-Duty Screw Terminal Insert, Male, 16-Pole, 16A, Numbered 1-16, with Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27»
**Series Number :** 93601
**Status :** Active
**Product Category :** Heavy-Duty Connectors
**Engineering Part Number :** 7316.6105.0



## Documents and Resources

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Reviewed per 2000/53/EC |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains Lead per D(2025)7771-DC (04 Feb 2026) SCIP:71b56036-050d-401f-b518-d784363a63c2 |
| EU RoHS | Compliant with Exemption 6(c) per EU 2015/863 |

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

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

Substances of Interest
- PFAS

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EU RoHS Certificate of Compliance

Additional Product Compliance Information

UKCA - Declaration of Conformity

CE - Declaration of Conformity

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Heavy Duty Connectors |
| Series | 93601 |
| Description | Heavy-Duty Screw Terminal Insert, Male, 16-Pole, 16A, Numbered 1-16, with Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27» |
| Component Type | Inserts - Screw Terminal |
| Insert Series | S-E |
| Product Name | Heavy-Duty Connectors |
| Standard | CSA C22.2 NO. 182.3, EN 60664-1, EN 61984, UL 1977 |
| UPC | 887191880815 |

### 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 |
| Gender | Male |
| Insert Color | Grey |

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| | |
|---|---|
| Lock to Mating Part | Yes |
| Material - Contact | Copper Alloy |
| Material - Insert | Polycarbonate |
| Material - Plating | Silver |
| Net Weight | 82.200/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) | 14-20 |
| Wire Size $mm^2$ | 0.50-2.50 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Heavy-Duty Screw Terminal Insert, Female, 16-Pole, 16A, Numbered 1-16, with Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27» | 936010263 |

### Use with Part(s)

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



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