

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0936010275](#)  
**Status:** **Active**  
**Overview:** GWconnect Heavy Duty Connectors (HDC)  
**Description:** GWconnect Screw Terminal Insert, Male, 16-Pole, 16A, Numbered 1-16, with Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27»

**Documents:**

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA 256883  
 UL E249674

**General**

Product Family Industrial Connectors / Enclosures  
 Series [93601](#)  
 Component Size 16B «77X27»  
 Component Type Inserts - Screw Terminal  
 Insert Series S-EST  
 Overview [GWconnect Heavy Duty Connectors \(HDC\)](#)  
 Product Category Heavy Duty Connectors  
 Product Name GWconnect  
 Standard CSA C22.2 NO. 182.3, EN 60664-1, EN 61984, UL 1977  
 Taxonomy Heavy-Duty Connectors  
 UPC 887191880839

**Physical**

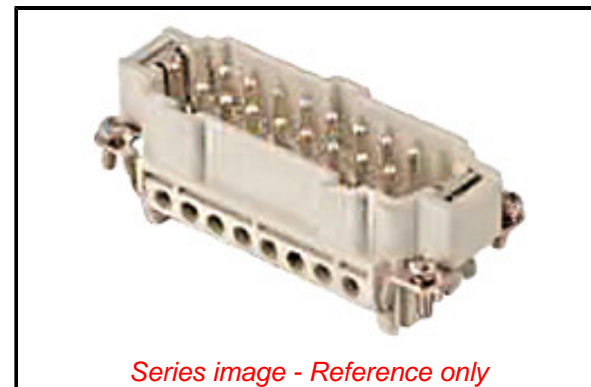
Durability (mating cycles max) 700  
 Flammability UL 94V-0  
 Gender Female  
 Insert Color Grey  
 Lock to Mating Part Yes  
 Material - Contact Copper Alloy  
 Material - Insert Polycarbonate  
 Material - Plating Silver  
 Net Weight 82.200/g  
 Number of Rows 2  
 Packaging Type Bag  
 Polarized 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<sup>2</sup> 0.50-2.50

**Electrical**

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

**Material Info**

Engineering Number 7316.6105.4



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

ZZCERT\_CE -

Declaration of

Conformity

**China RoHS**

50 Image

Not Relevant

Not Contained

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**Search Parts in this Series**

[93601 Series](#)

**Mates With**

[936010276 Male Screw Terminal Insert](#)

**Use With**

Size 16B «77x27» Hoods and Housings

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