

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

**Part Number:** [0936010198](#)  
**Status:** **Active**  
**Overview:** GWconnect Heavy Duty Connectors (HDC)  
**Description:** GWconnect Screw Terminal Insert, Male, 4-Pole, 80A, with Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27»

**Documents:**  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E249674

**General**

Product Family Industrial Connectors / Enclosures  
 Series [93601](#)  
 Component Size 16B «77X27»  
 Component Type Inserts - Screw Terminal  
 Insert Series S-K4/0  
 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  
 UPC 887191876061

**Physical**

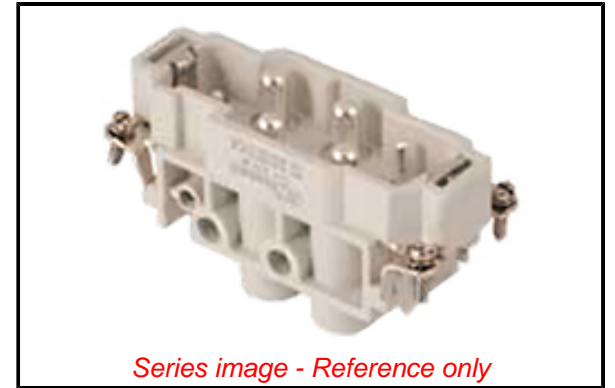
Durability (mating cycles max) 500  
 Flammability UL 94V-0  
 Gender Male  
 Insert Color Grey  
 Material - Contact Copper Alloy  
 Material - Insert Polycarbonate  
 Material - Plating Silver  
 Net Weight 118.100/g  
 Number of Rows 2  
 Packaging Type Bag  
 Polarized to Mating Part Yes  
 Poles 4  
 Stripping Length 14.00mm, 7.00mm  
 Temperature Range - Operating -40° to +125°C  
 Tightening Test Torque 0.50 Nm, 2.50 Nm  
 Wire Size AWG 14-20, 5-16

**Electrical**

Current - Maximum per Contact 80.0A  
 Voltage - Maximum 830V  
 Wire Protection Yes

**Material Info**

Engineering Number 7304.6144.0



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

Lead

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[93601](#) Series

**Mates With**

[936010197](#) Female Screw Terminal Insert

**Use With**

Size 16B «77x27» Hoods and Housings