



Part Number : 936010198

Series Number : 93601

Product Category : Heavy-Duty Connectors


Product Description : GWconnect Screw Terminal Insert, Male, 4-Pole, 80A, with Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27»

Status : Active

Engineering Number : 7304.6144.0

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant 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

Part Details

General

Status	Active
Category	Heavy-Duty Connectors
Series	93601

Description	GWconnect Screw Terminal Insert, Male, 4-Pole, 80A, with Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27»
Component Type	Inserts - Screw Terminal
Insert Series	S-K4/0
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	887191876061

## Agency

UL	E249674
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## Electrical

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

## Physical

Component Size	16B «77X27»
Durability (mating cycles max)	500
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
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**Mates With / Use With**

**Mates with Part(s)**

Description	Part Number
GWconnect Screw Terminal Insert, Female, 4-Pole, 80A, with Wire Protection, Silver (Ag) Plated Contacts, Size 16B «77x27»	<u>936010197</u>

**Use with Part(s)**

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