

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

**Part Number:** **0451460603**  
**Status:** **Active**  
**Overview:** Squba Sealed Wire-to-Wire Connectors  
**Description:** Squba-to-Squba Off-the-Shelf (OTS) Plug Cable Assembly, Single Row, 300.00mm, 6 Circuits, Black

**Documents:**

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

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

**General**

|                        |   |
|------------------------|---|
| Product Family         | Cable Assemblies                            |
| Series                 | <u>45146</u>                                |
| Application            | Power, Signal, Wire-to-Wire                 |
| Assembly Configuration | Dual Ended Connectors                       |
| Connector to Connector | Squba-to-Squba                              |
| Overmolded             | No  |
| Overview               | <u>Squba Sealed Wire-to-Wire Connectors</u> |
| Product Name           | Squba                                       |
| Type                   | Discrete Wire Assembly, Sealed Assembly     |
| UPC                    | 191128910200                                |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Cable Length                   | 300.00mm             |
| Circuits (Loaded)              | 6                    |
| Color - Resin                  | Black                |
| Gender                         | Male-Male            |
| Lock to Mating Part            | Yes                  |
| Material - Metal               | Copper Alloy         |
| Material - Plating Mating      | Matte Tin            |
| Material - Plating Termination | Matte Tin            |
| Material - Resin               | Nylon                |
| Net Weight                     | 17.732/g             |
| Number of Rows                 | 1                    |
| Packaging Type                 | Bag                  |
| Pitch - Mating Interface       | 1.80mm               |
| Plating min - Mating           | 2.500µm              |
| Plating min - Termination      | 2.500µm              |
| Single Ended                   | No                   |
| Termination Interface: Style   | Crimp or Compression |
| Wire Size AWG                  | 22                   |
| Wire/Cable Type                | UL 1061              |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 5.0A |
| Voltage - Maximum             | 125V |

**Material Info**

**Reference - Drawing Numbers**

|               |               |
|---------------|---------------|
| Sales Drawing | 451460601-000 |
|---------------|---------------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not 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**

45146 Series

**Mates With**

Squba Sealed Receptacle Assembly 204220

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