



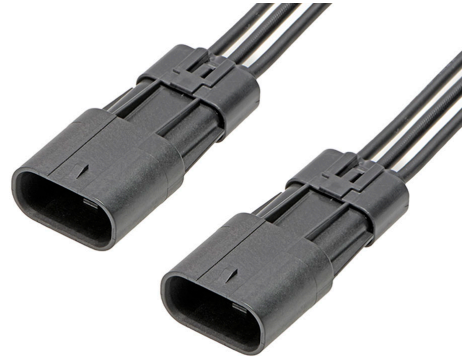
**Part Number :** [2166221033](#)

**Product Description :** Squba 3.6 Male-to-Squba 3.6 Male Off-the-Shelf (OTS) Cable Assembly, 3.60mm Pitch, Single Row, 600.00mm Length, Tin (Sn) Plating, 3 Circuits, Black

**Series Number :** 216622

**Status :** Active

**Product Category :** Power and Signal Cable Assemblies



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## Documents & Resources

### Drawings

[Drawing 2166221033\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 2166221033\\_stp.zip](#)

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## Product Environment Compliance

### Compliance

|                    |                                                |
|--------------------|------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                   |
| China RoHS         |                                                |
| EU ELV             | Not Relevant                                   |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21             |
| REACH SVHC         | Not Contained per D(2023)3788-DC (14 Jun 2023) |
| 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

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## Part Details

### General

|                        |                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                                              |
| Category               | Power and Signal Cable Assemblies                                                                                                                   |
| Series                 | 216622                                                                                                                                              |
| Description            | Squba 3.6 Male-to-Squba 3.6 Male Off-the-Shelf (OTS) Cable Assembly, 3.60mm Pitch, Single Row, 600.00mm Length, Tin (Sn) Plating, 3 Circuits, Black |
| Application            | Power, Signal, Wire-to-Wire                                                                                                                         |
| Assembly Configuration | Dual Ended Connectors                                                                                                                               |
| Connector to Connector | Squba-to-Squba                                                                                                                                      |
| Product Family         | Squba Sealed Wire-to-Wire Connectors                                                                                                                |
| Product Name           | Squba                                                                                                                                               |
| Type                   | Discrete Wire Assembly, Sealed Assembly                                                                                                             |
| UPC                    | 193264746552                                                                                                                                        |

### Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 14.0A |
| Voltage - Maximum             | 600V  |

### Physical

|                           |              |
|---------------------------|--------------|
| Cable Length              | 600.00mm     |
| Circuits (Loaded)         | 3            |
| Circuits (maximum)        | 3            |
| 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                     | 36.926/g             |
| Number of Rows                 | 1                    |
| Overmolded                     | No                   |
| Packaging Type                 | Bag                  |
| Pitch - Mating Interface       | 3.60mm               |
| Plating min - Mating           | 2.540µm              |
| Plating min - Termination      | 2.540µm              |
| Single Ended                   | No                   |
| Termination Interface Style    | Crimp or Compression |
| Wire/Cable Type                | UL 11028             |
| Wire Insulation Diameter       | 1.90mm-2.40mm        |
| Wire Size (AWG)                | 16                   |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                                                                                    | Part Number       |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Squba 3.6 Sealed Receptacle Assembly, 3.60mm Pitch, 2 Circuits, Single Row, Glow-Wire Capable, Black, UL1007/UL1061 Compatible | <u>2077820002</u> |

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