



**Part Number :** [2166211032](#)  
**Product Description :** Squba 3.6 Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 3.60mm Pitch, Single Row, 300.00mm Length, Tin (Sn) Plating, 3 Circuits, Black  
**Series Number :** 216621  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

**Drawings**  
[2166211032\\_sd.pdf](#)

**3D Models and Design Files**  
[2166211032\\_stp.zip](#)

## 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)8585-DC (23 Jan 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

## Part Details

### General

|                        |                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                                         |
| Category               | Power and Signal Cable Assemblies                                                                                                              |
| Series                 | 216621                                                                                                                                         |
| Description            | Squba 3.6 Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 3.60mm Pitch, Single Row, 300.00mm Length, Tin (Sn) Plating, 3 Circuits, Black |
| Application            | Power, Signal, Wire-to-Wire                                                                                                                    |
| Assembly Configuration | Single Ended Connector                                                                                                                         |
| Connector to Connector | Squba-to-Pigtail                                                                                                                               |
| Product Name           | Squba                                                                                                                                          |
| Type                   | Discrete Wire Assembly, Sealed Assembly                                                                                                        |
| UPC                    | 193264746453                                                                                                                                   |

### Electrical

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

### Physical

|                                |                |
|--------------------------------|----------------|
| Cable Length                   | 300.00mm       |
| Circuits (Loaded)              | 3              |
| Circuits (maximum)             | 3              |
| Color - Resin                  | Black          |
| Gender                         | Female-Pigtail |
| Lock to Mating Part            | Yes            |
| Material - Metal               | Copper Alloy   |
| Material - Plating Mating      | Matte Tin      |
| Material - Plating Termination | Matte Tin      |
| Material - Resin               | Nylon          |
| Net Weight                     | 18.938/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                | Yes                  |
| 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 Plug Assembly,<br>3.60mm Pitch, 2 Circuits, Single<br>Row, Glow-Wire Capable, Black,<br>UL1007/UL1061 Compatible | <u>2077780002</u> |