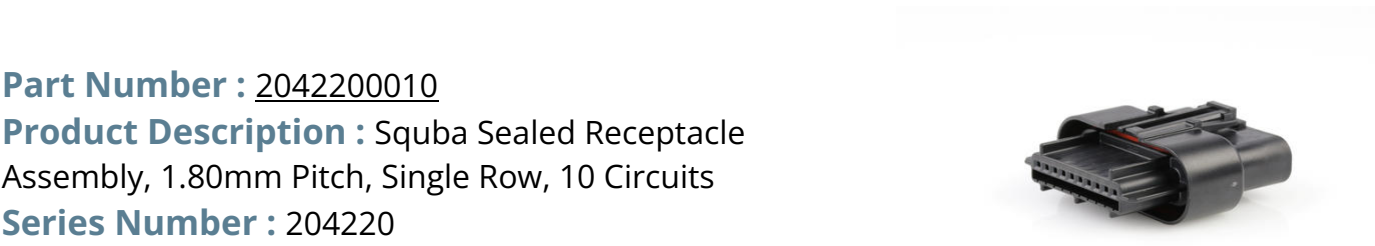




**Part Number :** [2042200010](#)  
**Product Description :** Squba Sealed Receptacle  
Assembly, 1.80mm Pitch, Single Row, 10 Circuits  
**Series Number :** 204220  
**Status :** Active  
**Product Category :** Connector Housings



Documents & Resources

Drawings

[2042200010\\_sd.pdf](#)  
[2042200000-PK-000.pdf](#)

3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

Specifications

[2042200000-AS-000.pdf](#)  
[2042200000-PK-000.pdf](#)  
[2042200000-PS-000.pdf](#)  
[2042200000-TS-000.pdf](#)  
[2042201000-TS-000.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                    |
| China RoHS         | <br>per SJ/T 11365-2006    |
| EU ELV             | Not Relevant                                                                                                    |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                                  |
| REACH SVHC         | Contains<br>Dodecamethylcyclohexasiloxane;<br>Decamethylcyclopentasiloxane;<br>Octamethylcyclotetrasiloxane per |

|         |                              |
|---------|------------------------------|
|         | D(2024)7663-DC (21 Jan 2025) |
| EU RoHS | Compliant per EU 2015/863    |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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**Part Details**

**General**

|              |                                                                               |
|--------------|-------------------------------------------------------------------------------|
| Status       | Active                                                                        |
| Category     | Connector Housings                                                            |
| Series       | 204220                                                                        |
| Description  | Squba Sealed Receptacle Assembly,<br>1.80mm Pitch, Single Row, 10<br>Circuits |
| Application  | Power, Signal, Wire-to-Wire                                                   |
| Product Name | Squba                                                                         |
| UPC          | 191128320306                                                                  |

**Agency**

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

**Physical**

|                    |       |
|--------------------|-------|
| Circuits (maximum) | 10    |
| Color - Resin      | Black |
| Flammability       | 94V-0 |

| Gender                        | Receptacle     |
|-------------------------------|----------------|
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 4.670/g        |
| Number of Rows                | 1              |
| Packaging Type                | Tray           |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 1.80mm         |
| Pitch - Termination Interface | 1.80mm         |
| Polarized to Mating Part      | Yes            |
| Temperature Range - Operating | -40° to +105°C |

#### Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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#### Mates With / Use With

##### Mates with Part(s)

| Description                                                                                   | Part Number                       |
|-----------------------------------------------------------------------------------------------|-----------------------------------|
| Squba Sealed Plug Assembly, 1.80mm Pitch, Single Row, 10 Circuits                             | <a href="#"><u>2042230010</u></a> |
| Squba Sealed Panel Mount Plug Assembly, 1.80mm Pitch, Single Row, 10 Circuits                 | <a href="#"><u>2042230110</u></a> |
| Squba Sealed Plug Assembly, 1.80mm Pitch, Single Row, 10 Circuit Housing, Circuit #10 Voided  | <a href="#"><u>2042231110</u></a> |
| Squba Sealed Plug Assembly, 1.80mm Pitch, Single Row, 10 Circuit Housing, All Circuits Voided | <a href="#"><u>2042239910</u></a> |
| Squba-to-Squba Off-the-Shelf (OTS) Plug Cable Assemblies                                      | <a href="#"><u>45146</u></a>      |

##### Use with Part(s)

| Description                                                    | Part Number       |
|----------------------------------------------------------------|-------------------|
| Squba 1.8 Receptacle Terminal,<br>Matte Tin Plating, 24-22 AWG | <u>2043010001</u> |