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**Part Number:** [2077770001](#)  
**Status:** **Active**  
**Overview:** Squba Sealed Wire-to-Wire Connectors  
**Description:** Squba 3.6 Receptacle Terminal, Matte Tin Plating, 16 AWG, Reel

**Documents:**

|                                                                   |                                                      |
|-------------------------------------------------------------------|------------------------------------------------------|
| <a href="#">Drawing (PDF)</a>                                     | <a href="#">Test Summary 2077760000-TS-000 (PDF)</a> |
| <a href="#">Product Specification 2077760000-PS-000 (PDF)</a>     | <a href="#">Datasheet (PDF)</a>                      |
| <a href="#">Application Specification 2077760000-AS-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Packaging Specification 2077770000-PK-000 (PDF)</a>   |                                                      |



**General**

|                         |                                             |
|-------------------------|---------------------------------------------|
| Product Family          | Crimp Terminals                             |
| Series                  | <a href="#">207777</a>                      |
| Application             | Power, Signal, Wire-to-Wire                 |
| Crimp Quality Equipment | Yes                                         |
| Overview                | <u>Squba Sealed Wire-to-Wire Connectors</u> |
| Product Name            | Squba                                       |
| UPC                     | 191130144785                                |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 25                   |
| Gender                         | Female               |
| Material - Metal               | Copper Alloy         |
| Material - Plating Mating      | Matte Tin            |
| Material - Plating Termination | Matte Tin            |
| Net Weight                     | 0.407/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 2.540µm              |
| Plating min - Termination      | 2.540µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.90mm-2.40mm        |
| Wire Size AWG                  | 16                   |
| Wire Size mm <sup>2</sup>      | N/A                  |

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 2077760000-AS-000 |
| Packaging Specification   | 2077770000-PK-000 |
| Product Specification     | 2077760000-PS-000 |
| Sales Drawing             | 2077770000-SD-000 |
| Test Summary              | 2077760000-TS-000 |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**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**

[207777 Series](#)

**Use With**

[Squba 3.6 Receptacle Housing 207782](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

|                                                                                       |                            |
|---------------------------------------------------------------------------------------|----------------------------|
| FA2 Mechanical Feed Applicator for Squba 3.6 Large Receptacle Crimp Terminals, 16 AWG | <a href="#">2130690600</a> |
| Hand Crimp Tool for Squba 3.6 Male and Female Crimp Terminals, 16 AWG                 | <a href="#">2133090000</a> |
| Extraction Tool for Squba 3.6 Crimp                                                   | <a href="#">638248900</a>  |

This document was generated on 06/18/2021

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