

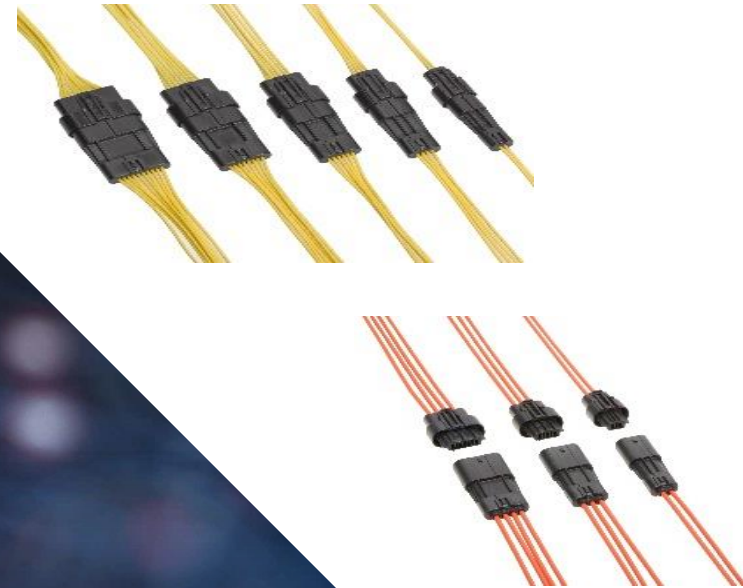
SQUBA CONNECTORS

Adding: three new colors with a clip-slot design for panel-mount versions

Squba connectors in various colors help operators quickly identify connections for accurate mating. To ensure efficient and reliable electrical connectivity, these connectors help avoid mismating, which saves time and cost, while also reducing safety hazards for a seamless operation.

NPI EXTENSION

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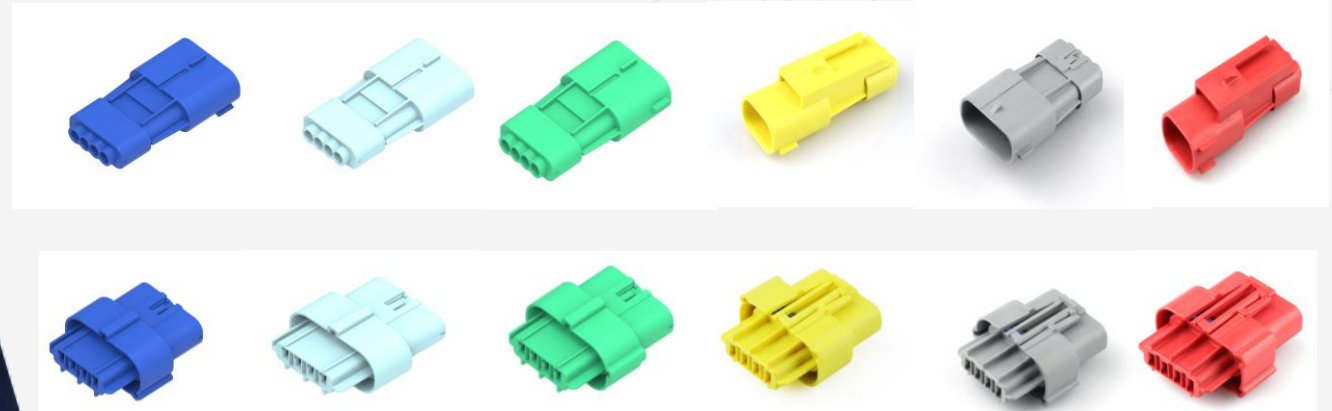
Squba Connectors

As the trend towards miniaturization continues to accelerate, the demand for compact connector solutions increases. Squba connectors offer significant space savings to meet this demand. Exposure to moisture poses a risk to connectors for reliable performance.

Squba sealed connectors are designed to protect against ingress with an IP68-seal rating and carry 14.0A of current to deliver reliable power in a wide range of space-constrained applications.

Key Product Information

Category:	Wire-to-Wire Connectors
Voltage:	600V
Current:	14.0A
Operating temps:	-40 to +105°C

[View Product Landing Page](#)[Download Datasheet](#)

Series

207782
207778

Squba Receptacle Assembly
Squba Plug Assembly

Vital Product Information

Squba Connectors

What makes this product different from the competition?

Molex Squba Connectors have an IP68-seal rating to withstand the ingress of dust and moisture. These connectors also offer weather caps to provide optimal protection and guidance. This allows for reliable connections and quality performance.

How does this product/solution create value for our customers?

Squba sealed connectors are available in various colors for easy identification that avoids mis-mating. Customers can avoid unexpected delays due to connection malfunctions and repairs because of product failures. They also offer a clip-slot for a panel-mounting option which allows for more secure connections.

What is the Molex advantage?

HVAC customers require a cable specification that is UL1230 rated. Squba sealed connectors meet this standard to provide outstanding protection in harsh environments.



Product Overview

Squba Connectors

Sealed Components with Proven Performance

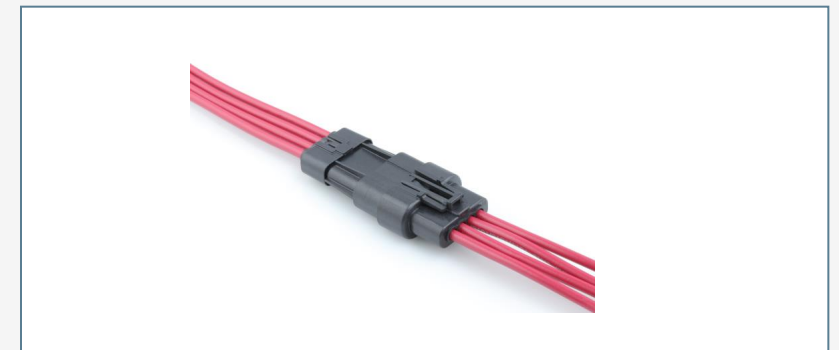
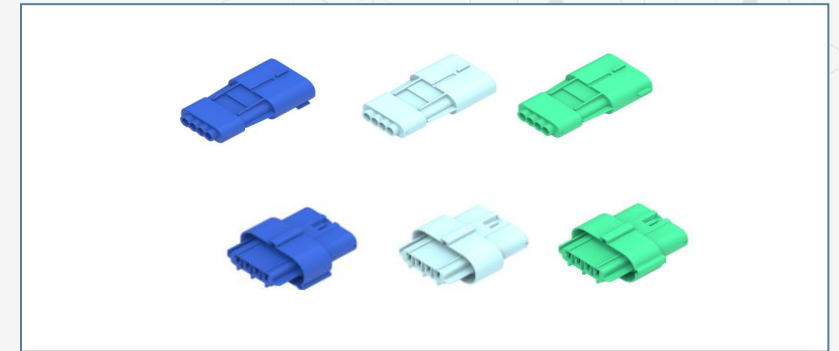
The Squba Connectors have an IP68-seal rating to withstand the ingress of dust and moisture. These connectors also offer weather caps to provide optimal protection and guidance. This allows for reliable connections and quality performance.

Colored Connectors with Clip-Slot Feature

Squba sealed connectors are available in various colors for easy identification that avoids mis-mating which can lead to product failure and compromise safety and reliability. Potential downtime for repairs can increase production costs and delay timelines. They also offer a clip-slot for a panel-mounting option which ensures a more secure and stable connection.

UL 1230 Rated for Excellent Protection

HVAC customers require a cable specification that is UL1230 rated. Squba sealed connectors meet this standard to provide outstanding protection in harsh environments.



Markets and Applications

Squba Connector System



HVAC Equipment



Recreational Vehicles

CONSUMER

- HVAC equipment
- Home Appliances
- Landscaping equipment
- Liquid dispensing equipment
- Vending machines
- Washing machines

COMMERCIAL VEHICLE

- ATVs
- Buses
- Forklifts
- Marine: under-das wiring, lighting
- Recreational vehicles
- Trucks

Markets and Applications Cont.

Squba Connector System



Food Processing Equipment



Home Automation Systems

INDUSTRIAL AUTOMATION

- Food processing facilities
- Food processing equipment
- Industrial controllers
- Industrial machines and motors machines
- Robotics

CONNECTED HOME

- Home automation systems
- Home health and wellness systems
- Security and surveillance equipment
- Smart appliances

Product Advantages and Features

Squba Connectors

Ensures a wire size that supports the HVAC industry and its requirements
Squba Connectors are a UL1230 compatible option.

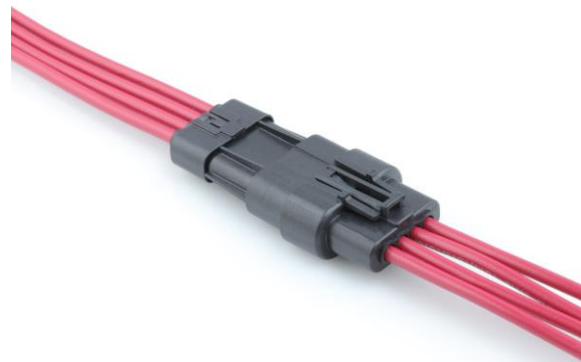
Helps prevent mis-mating
These connectors are colored and mechanically keyed for enhanced efficiency and reliability.

Ensures connector stability and performance
The clip-slot option secures the connector to a panel.

Avoids seal punctures
The clean-body terminals have wraparound insulation crimp.

Delivers reliable connection in high-vibration applications
A primary lock enables 30N of terminal retention.

Protects seals from damage and keeps terminals aligned
Seal caps allow for improved protection.



Key Specifications	
Pitch	3.60mm
Current	14.0A
Voltage	600V
Height	0.90mm
Operating Temperatures	-40 to +105°C



THANK YOU

creating connections for life

molex