

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0451451001**  
**Status:** **Active**  
**Overview:** Squba Sealed Wire-to-Wire Connectors  
**Description:** Squba-to-Squba Off-the-Shelf (OTS) Receptacle Cable Assembly, Single Row, 150.00mm, 10 Circuits, Black

**Documents:**

[3D Model](#) [Datasheet \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family	Cable Assemblies
Series	45145
Application	Power, Signal, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Squba-to-Squba
Overmolded	No
Overview	<u>Squba Sealed Wire-to-Wire Connectors</u>
Product Name	Squba
Type	Discrete Wire Assembly, Sealed Assembly
UPC	191128910101

**Physical**

Cable Length	150.00mm
Circuits (Loaded)	10
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	20.280/g
Number of Rows	1
Packaging Type	Bag
Pitch - Mating Interface	1.80mm
Plating min - Mating	2.500µm
Plating min - Termination	2.500µm
Single Ended	No
Termination Interface: Style	Crimp or Compression
Wire Size AWG	22
Wire/Cable Type	UL 1061

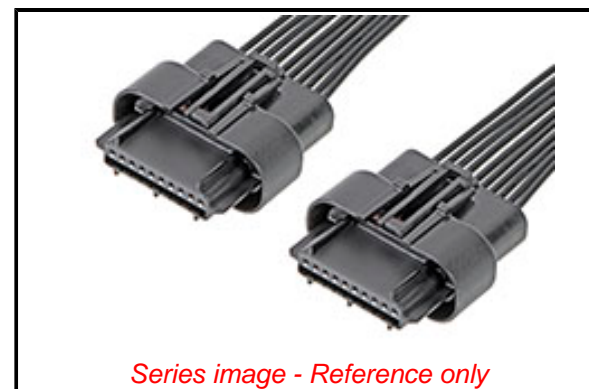
**Electrical**

Current - Maximum per Contact	5.0A
Voltage - Maximum	125V

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	451451001-000
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not 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**

45145 Series

**Mates With**

Squba Sealed Plug Assembly [204223](#)