

**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 Squba Sealed Wire-to-Wire Connectors  
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

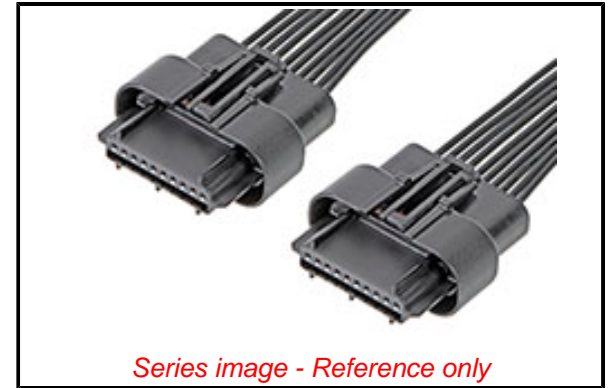
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing 451451001-000



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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