

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0451461003**
Status: **Active**
Overview: Squba Sealed Wire-to-Wire Connectors
Description: Squba-to-Squba Off-the-Shelf (OTS) Plug Cable Assembly, Single Row, 300.00mm, 10 Circuits, Black

Documents:

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Cable Assemblies
Series	<u>45146</u>
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	191128910262

Physical

Cable Length	300.00mm
Circuits (Loaded)	10
Color - Resin	Black
Gender	Male-Male
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	27.501/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	451461001-000
---------------	---------------



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

[45146 Series](#)

Mates With

Squba Sealed Receptacle Assembly [204220](#)