

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0451460410**
Status: **Active**
Overview: Squba Sealed Wire-to-Wire Connectors
Description: Squba-to-Squba Off-the-Shelf (OTS) Plug Cable Assembly, Single Row, 1.0m, 4 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 | 191128910187 |

Physical

| | |
|--------------------------------|----------------------|
| Cable Length | 1.0m |
| Circuits (Loaded) | 4 |
| 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 | 26.888/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 | 451460401-000 |
|---------------|---------------|



Series image - Reference only

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