



Part Number : [451451003](#)

Product Description : Squba-to-Squba Off-the-Shelf (OTS) Receptacle Cable Assembly, Single Row, 300.00mm, 10 Circuits, Black

Series Number : 45145

Status : Active

Product Category : Power and Signal Cable Assemblies



Documents & Resources

Drawings

[Drawing 451451003_sd.pdf](#)

3D Models and Design Files

[3D Model 451451003_stp.zip](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

Part Details

General

Status	Active
Category	Power and Signal Cable Assemblies
Series	45145
Description	Squba-to-Squba Off-the-Shelf (OTS) Receptacle Cable Assembly, Single Row, 300.00mm, 10 Circuits, Black
Application	Power, Signal, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Squba-to-Squba
Product Family	Squba Sealed Wire-to-Wire Connectors
Product Name	Squba
Type	Discrete Wire Assembly, Sealed Assembly
UPC	191128910118

Electrical

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

Physical

Cable Length	300.00mm
Circuits (Loaded)	10
Circuits (maximum)	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	27.780/g
Number of Rows	1
Overmolded	No
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/Cable Type	UL 1061
Wire Size (AWG)	22

Mates With / Use With

Mates with Part(s)

Description	Part Number
Squba Sealed Single Row Plug Assemblies	<u>204223</u>

This document was generated on Dec 11, 2023