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**Part Number:** [0451450610](#)  
**Status:** **Active**  
**Overview:** [Squba Sealed Wire-to-Wire Connectors](#)  
**Description:** Squba-to-Squba Off-the-Shelf (OTS) Receptacle Cable Assembly, Single Row, 1.0m, 6 Circuits, Black

**Documents:**

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

**General**

Product Family	Cable Assemblies
Series	<a href="#">45145</a>
Application	Power, Signal, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Squba-to-Squba
Overmolded	No
Overview	<a href="#">Squba Sealed Wire-to-Wire Connectors</a>
Product Name	Squba
Type	Discrete Wire Assembly, Sealed Assembly
UPC	191128910064

**Physical**

Cable Length	1.0m
Circuits (Loaded)	6
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	38.824/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	451450601-000
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2021)4569-DC (8  
July 2021)  
Octanoic acid,  
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-  
pen  
Benzo(ghi)perylene  
bis(2-(2-  
methoxyethoxy)ethyl)  
ether  
Dipentyl phthalate  
Imidazolidine-2-thione  
Phenanthrene  
Dihexyl-phthalate  
N,N-  
Dimethylformamide  
Fatty Acids, C16-18,  
Lead Salts  
[Phthalato(2-)]dioxotrilead  
Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
barium salt (1:1),  
lead-  
Sulfurous Acid, Lead  
Salt, Dibasic  
Cadmium Hydroxide  
Cyanamide, lead(2+)  
salt (1:1)  
Dioxobis(stearato)trilead  
Tetralead-trioxide-  
sulphate  
Trilead-dioxide-  
phosphonate  
Lead-titanium-trioxide  
Lead oxide sulfate  
(Pb<sub>2</sub>O(SO<sub>4</sub>))  
Lead-dinitrate  
pyrochlore, antimony  
lead yellow  
Lead(II,IV)-oxide

**China RoHS**

Cadmium-sulphide  
Cadmium-oxide  
Diboron-trioxide  
Decabromodiphenylether  
1,2-Dimethoxyethane  
Pentazinc-chromate-  
octahydroxide  
Potassium  
hydroxyoctaoxodizincatedichromate  
1,2-  
Benzenedicarboxylic  
acid, di-C7-11-  
branched  
Strontium-chromate  
Boric acid, disodium  
salt, hydrate  
Tris(2-chloroethyl)  
phosphate  
Lead sulfochromate  
yellow  
Lead chromate  
molybdate sulfate red  
Lead chromate  
Dodecamethylcyclohexasiloxane  
Methylhexahydrophthalic  
anhydride  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Pyrene  
Fluoranthene  
Perfluorobutane  
sulfonic acid (PFBS)  
and its sal  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
Aluminosilicate  
Refractory Ceramic  
Fibres  
n-pentyl-  
isopentylphthalate  
1,2-  
Benzenedicarboxylic  
acid, dipentyl ester, br  
diisohexyl phthalate  
Terphenyl,  
hydrogenated  
2-(2H-Benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
2-(2H-Benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
2,4-Di-tert-butyl-6-(5-  
chlorobenzotriazol-2-  
yl)p  
Phenol, 2-(2H-  
benzotriazol-2-yl)-4,6-  
bis(1,1-dim  
Ammonium-  
pentadecafluorooctanoate  
C.I. Direct Black 38  
Dibutyltin-dichloride  
1,2-diethoxyethane  
1,2-  
Benzenedicarboxylic

acid, bis(3-  
methylbutyl)  
Octamethylcyclotetrasiloxane

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[45145](#) Series

**Mates With**

Squba Sealed Plug Assembly [204223](#)

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