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**Part Number:** [0448281162](#)  
**Status:** **Active**  
**Overview:** HandyLink™ I/O Interconnect System  
**Description:** 0.80mm Pitch HandyLink™ Surface Mount Receptacle, 16 Circuit

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-44828-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-44828-001 (PDF)</a>
<a href="#">Product Specification PS-44828-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

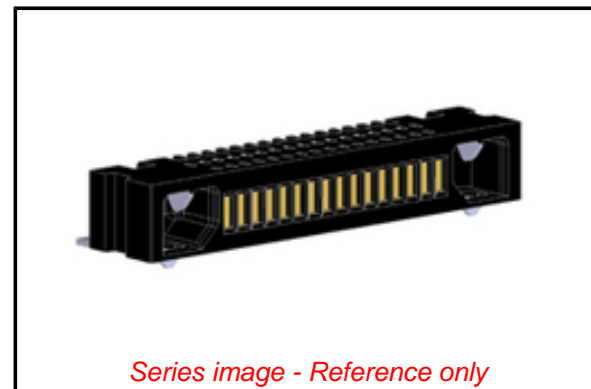
Product Family	I/O Connectors
Series	<a href="#">44828</a>
Application	Board-to-Board, Wire-to-Board
Comments	Please reference Application Specification AS-44828-001 when designing
Component Type	Receptacle
MolexKits	Yes
More Detailed Tech Information	<a href="mailto:handylink@molex.com">handylink@molex.com</a>
Overview	<a href="#">HandyLink™ I/O Interconnect System</a>
Product Name	HandyLink®
Type	N/A
UPC	822348013128

**Physical**

Circuits (Loaded)	16
Circuits (maximum)	16
Circuits Detail	Terminals 1 through 16 loaded
Color - Resin	Black
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.500/g
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Panel Mount	No
Pitch - Mating Interface	0.80mm
Plating min - Mating	0.051µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Wire Size AWG	N/A

**Electrical**

Current - Maximum per Contact	1.5A
Shielded	No



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

[44828](#) Series

**Mates With**

[45560](#) PCB Cradle Connector, [45339](#) Wire Plug Connector, [45593](#) PCB Plug Connector

Voltage - Maximum 30V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 040

Lead-free Process Capability REFLOW

Max. Cycles at Max. Process Temperature 003

Process Temperature max. C 245

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-44828-001

Packaging Specification PK-44828-001

Product Specification PS-44828-001

Sales Drawing SD-44828-001

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