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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:

3D Model	Application Specification AS-44828-001 (PDF)
Drawing (PDF)	Packaging Specification PK-44828-001 (PDF)
Product Specification PS-44828-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

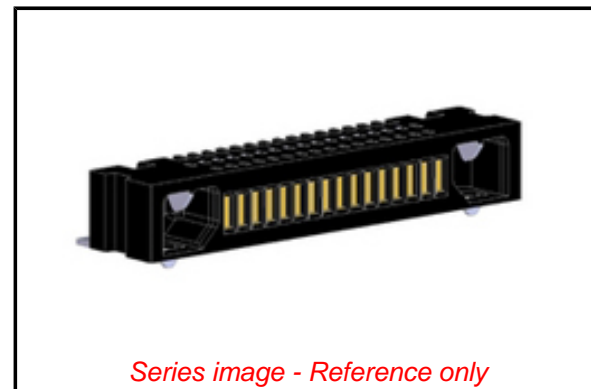
Product Family	I/O Connectors
Series	44828
Application	Board-to-Board, Wire-to-Board
Comments	Please reference Application Specification AS-44828-001 when designing
Component Type	Receptacle
MolexKits	Yes
More Detailed Tech Information	handylink@molex.com
Overview	HandyLink™ I/O Interconnect System
Product 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
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

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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