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Part Number: [44828-1162](#)
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 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-44828-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

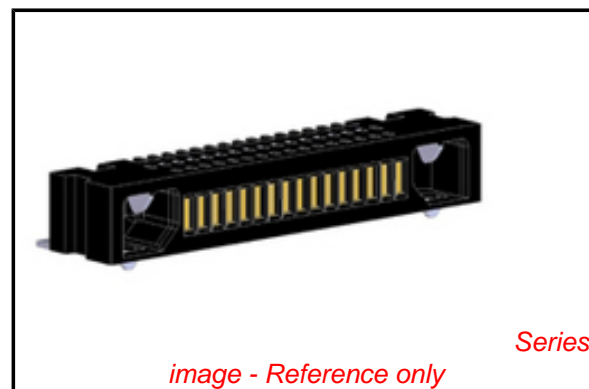
Product Family I/O Connectors
 Series [44828](#)
 Application Board-to-Board, Wire-to-Board
 Comments Please reference Application Specification AS-44828-001 when designing
 Component Type Receptacle
 MolexKits Yes
 More Detailed Tech Information handylink@molex.com
 Overview [HandyLink™ I/O Interconnect 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



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[44828Series](#)

Mates With

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

Shielded	No
Voltage - Maximum	30V

Solder Process Data

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

Application Specification	AS-44828-001
Product Specification	PS-44828-001
Sales Drawing	SD-44828-001

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