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Part Number: [0455600161](#)
Status: **Active**
Overview: HandyLink™ I/O Interconnect System
Description: 0.80mm Pitch HandyLink™ Parallel Surface Mount Cradle Connector Assembly, 16 Circuit

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-45560-200 \(PDF\)](#)
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-44828-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family I/O Connectors
 Series [45560](#)
 Application Board-to-Board
 Comments Parallel-PCB
 Component Type Plug
 MolexKits Yes
 More Detailed Tech Information handylink@molex.com
 Overview [HandyLink™ I/O Interconnect System](#)
 Product Name HandyLink@
 Type N/A
 UPC 822348066148

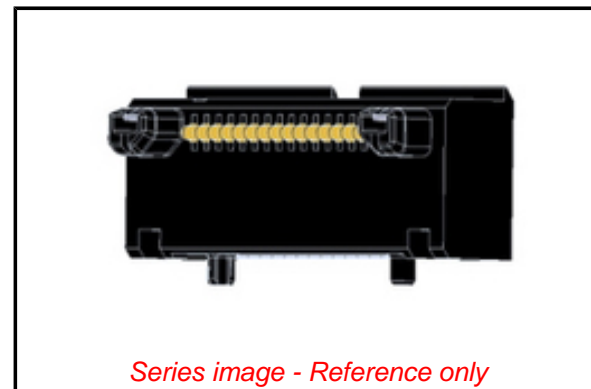
Physical

Circuits (Loaded) 16
 Circuits (maximum) 16
 Flammability 94V-0
 Lock to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Net Weight 2.246/g
 Orientation Vertical
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.50mm
 Packaging Type Embossed Tape on Reel
 Panel Mount No
 Pitch - Mating Interface 0.80mm
 Plating min - Mating 0.051µm
 Plating min - Termination 3.810µm
 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
 Voltage - Maximum 30V

Solder Process Data



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

[45560](#) Series

Mates With

[44828](#)

| | |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 040 |
| Lead-freeProcess Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 003 |
| Process Temperature max. C | 260 |

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|--------------|
| Packaging Specification | PK-45560-200 |
| Product Specification | PS-44828-001 |
| Sales Drawing | SD-45560-002 |

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