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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 |

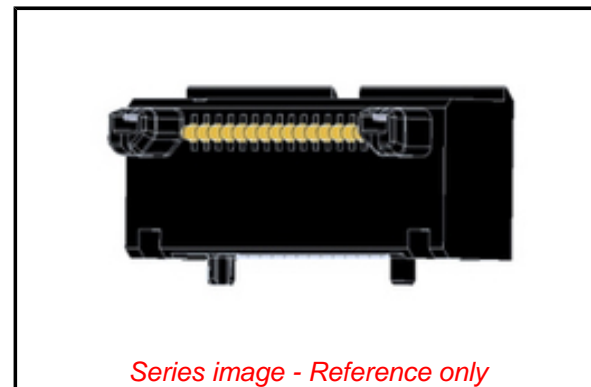
Physical

| | |
|--------------------------------|-----------------------|
| 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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