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Part Number: [0455600160](#)
Status: **Active**
Overview: HandyLink™ I/O Interconnect System
Description: 0.80mm Pitch HandyLink™ Perpendicular Surface Mount Cradle Connector Assembly, 16 Circuit

Documents:

Drawing (PDF)	Packaging Specification PK-45560-200 (PDF)
3D Model	Packaging Specification PK-45560-300 (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	45560
Application	Board-to-Board
Comments	Perpendicular-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	822348066131

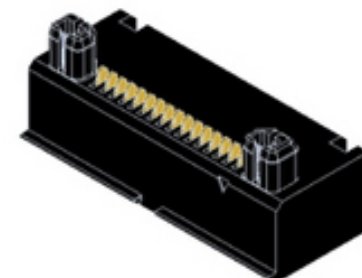
Physical

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)	003
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-45560-200, PK-45560-300
Product Specification	PS-44828-001
Sales Drawing	SD-45560-001

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