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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

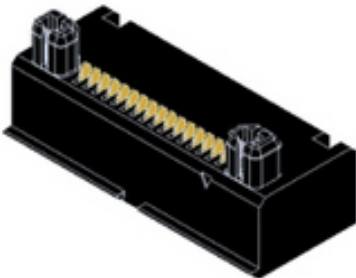
Shielded

No

Voltage - Maximum

30V

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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

This document was generated on 06/10/2016

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