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Part Number: [45560-0160](#)
Status: **Active**
Overview: [HandyLink™](#)
Description: 0.80mm Pitch HandyLink™ Perpendicular SMT Cradle Connector Assembly, 16 Circuit

Documents:

[Drawing \(PDF\)](#) [Product Specification PS-44828-001 \(PDF\)](#)
[3D Model](#) [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™](#)
 Product Name HandyLink®
 Type N/A
 UPC 822348066131

Physical

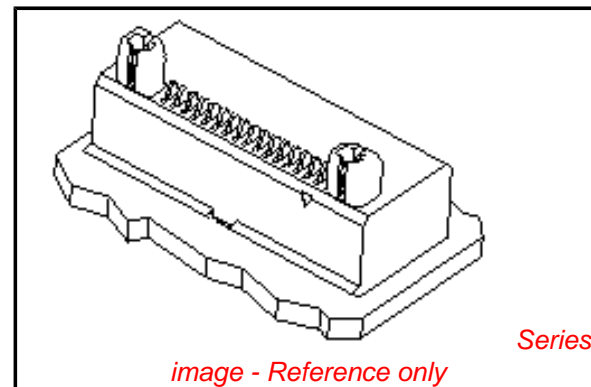
Circuits (Loaded) 16
 Circuits (maximum) 16
 Flammability 94V-0
 Lock to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Net Weight 2.246/g
 Orientation Vertical
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.50mm
 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

Duration at Max. Process Temperature (seconds) 3



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

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

45560Series

Mates With

44828

Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-44828-001
Sales Drawing	SD-45560-001

This document was generated on 05/21/2013

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