

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0453391600](#)  
**Status:** **Active**  
**Overview:** HandyLink™ I/O Interconnect System  
**Description:** 0.80mm Pitch HandyLink™ Plug for Wire Termination, 16 Circuit

**Documents:**

[3D Model](#) [Packaging Specification PK-45593-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-44828-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

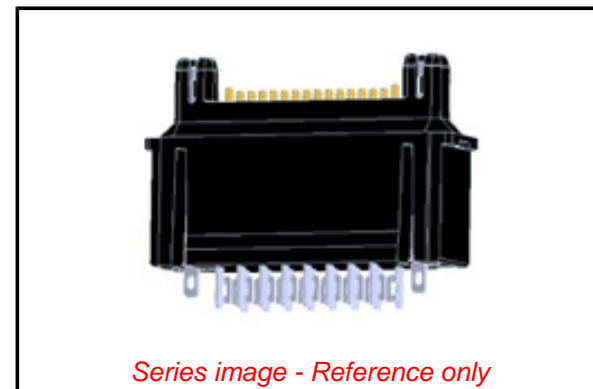
Product Family I/O Connectors  
 Series 45339  
 Application Wire-to-Board  
 Comments Please reference Application Specification AS-44828-001 when designing  
 Component Type Plug  
 MolexKits Yes  
 More Detailed Tech Information [handylink@molex.com](mailto:handylink@molex.com)  
 Overview HandyLink™ I/O Interconnect System  
 Product Name HandyLink@  
 Type N/A  
 UPC 822348013159

**Physical**

Circuits (Loaded) 16  
 Circuits (maximum) 16  
 Circuits Detail Terminals 1 through 16 loaded  
 Color - Resin Black  
 Flammability 94V-0  
 Lock to Mating Part Yes  
 Material - Metal High Performance Alloy (HPA), Stainless Steel  
 Material - Plating Mating Gold, Tin  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 8.810/g  
 Orientation Vertical  
 PCB Retention N/A  
 Packaging Type Tray  
 Panel Mount No  
 Pitch - Mating Interface 0.80mm  
 Plating min - Mating 0.102µm, 1.270µm  
 Plating min - Termination 1.270µm, 5.080µm  
 Polarized to Mating Part Yes  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +85°C  
 Termination Interface: Style Solder or Weld  
 Wire Size AWG 22

**Electrical**

Current - Maximum per Contact 1.5A  
 Shielded No  
 Voltage - Maximum 30V



*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**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[45339 Series](#)

**Mates With**

[44828](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-45593-001

Product Specification

PS-44828-001

Sales Drawing

SD-45339-001

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