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**Part Number:** [44828-1162](#)  
**Status:** **Active**  
**Overview:** [HandyLink™](#)  
**Description:** 0.80mm Pitch HandyLink™ SMT Receptacle, 16 Circuit

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

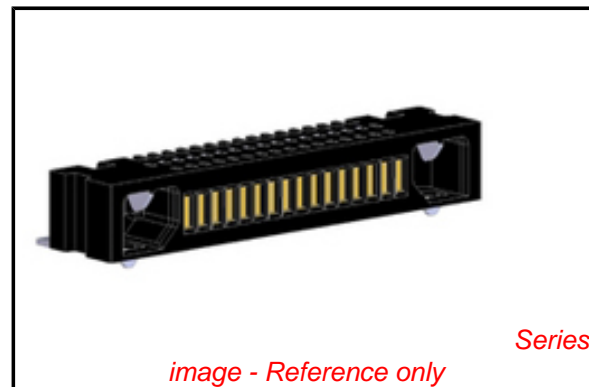
Product Family I/O Connectors  
 Series [44828](#)  
 Application Board-to-Board, Wire-to-Board  
 Comments Please reference Application Specification AS-44828-001 when designing  
 Component Type Receptacle  
 MolexKits Yes  
 More Detailed Tech Information [handylink@molex.com](mailto:handylink@molex.com)  
 Overview [HandyLink™](#)  
 Product Name HandyLink®  
 Type N/A  
 UPC 822348013128

**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)  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 0.573g  
 Orientation Right Angle  
 PCB Locator Yes  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Panel Mount No  
 Pitch - Mating Interface 0.80mm  
 Plating min - Mating 0.051µm  
 Plating min - Termination 2.540µm  
 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



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

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

[44828Series](#)

**Mates With**

[45560 PCB Cradle Connector](#), [45339 Wire Plug Connector](#), [45593 PCB Plug Connector](#)

Shielded	No
Voltage - Maximum	30V

### **Solder Process Data**

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	245

### **Material Info**

### **Reference - Drawing Numbers**

Application Specification	AS-44828-001
Product Specification	PS-44828-001
Sales Drawing	SD-44828-001

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