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

Documents:

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

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
 More Detailed Tech Information handylink@molex.com
 Overview [HandyLink I/O Interconnect System](#)
 Product Name HandyLink
 Type N/A
 UPC 822348013159

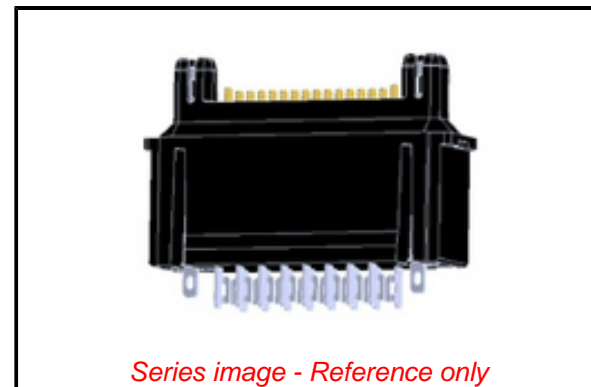
Physical

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

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2018 (15
 January 2018)

Halogen-Free

Status

Not 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[45339 Series](#)

Mates With

[44828](#)

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-45593-001

PS-44828-001-001

SD-45339-001, SD-45339-001-002

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