molex

one company > a world of innovation

Part Number: **0453391604**

Status: **Active**

Overview: HandyLink I/O Interconnect System

Description: 0.80mm Pitch HandyLink Plug for Wire Termination, 16 Circuit (pins 7,10,11,14,15,16 voided)

Documents:
3D Model
Drawing (PDF)
Product Specification PS-44828-001-001 (PDF)

Packaging Specification PK-45593-001 (PDF)
RoHS Certificate of Compliance (PDF)

Series image - Reference only

Agency Certification
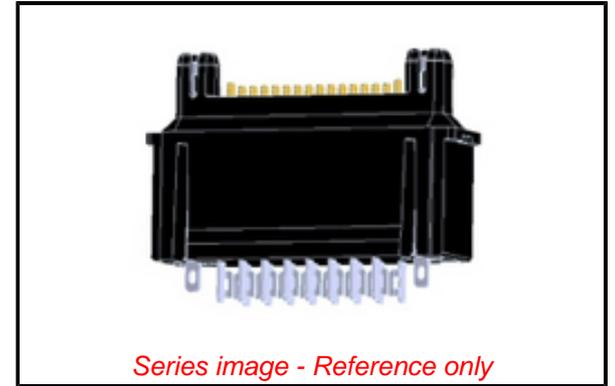|	
CSA	LR19980
UL	E29179

General
Product Family	I/O Connectors
Series	45339
Application	Wire-to-Board
Comments	Please reference Application Specification AS-44828-001 when designing, 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	822348013593

Physical
Circuits (Loaded)	10
Circuits (maximum)	16
Circuits Detail	Terminals 1, 2, 3, 4, 5, 6, 8, 9, 12, 13, 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	5.921/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° to +85°C
Termination Interface: Style	Solder or Weld
Wire Size AWG	22

Electrical
Current - Maximum per Contact	1.5A
Shielded	No

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant

REACH SVHC
Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free
Status

Not Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
45339 Series

Mates With
44828

Voltage - Maximum	30V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-45593-001
Product Specification	PS-44828-001-001
Sales Drawing	SD-45339-001, SD-45339-001-002

This document was generated on 02/26/2019
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex](#):
  [45339-1604](#)