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**Part Number:** [78012-0011](#)  
**Status:** **Active**  
**Description:** 1.27mm Pitch, Serial Attached SCSI Combo Device Plug, Vertical, Surface Mount, 29 Circuits, Plastic Locating Pegs, Pick-and-Place Cap, Embossed Tape on Reel, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-78012-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

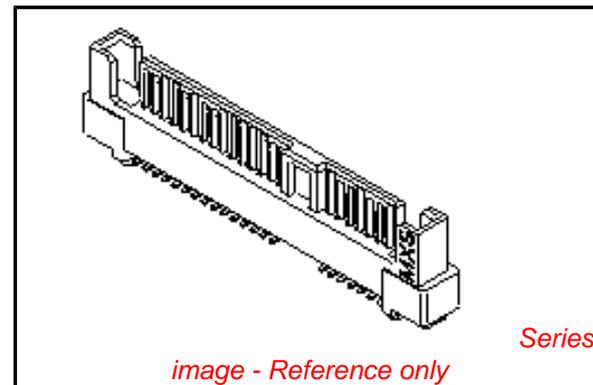
CSA LR19980  
 UL E29179

**General**

Product Family I/O Connectors  
 Series [78012](#)  
 Application Wire-to-Board  
 Comments With Cap  
 Component Type Plug  
 Product Name SAS  
 Type N/A  
 UPC 822350343053

**Physical**

Boot Color N/A  
 Circuits (Loaded) 29  
 Circuits (maximum) 29  
 Color - Resin Black  
 Durability (mating cycles max) 500  
 Flammability 94V-0  
 Gender Plug  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 2.157/g  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.57mm  
 Packaging Type Embossed Tape on Reel  
 Panel Mount Yes  
 Pitch - Mating Interface 0.80mm, 1.27mm  
 Pitch - Termination Interface 1.27mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 1.905µm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Ports 1  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40°C to +85°C  
 Termination Interface: Style Surface Mount  
 Waterproof / Dustproof No



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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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**

[78012Series](#)

**Mates With**

78011 SATA Receptacle, SFF 8482  
 Unshielded Dual Port Serial Attachment  
 Connector

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) 10

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**

Electrical Model Document EE-78012-002, EE-87863-006, EE-87863-007

Product Specification PS-78012-002

S-Parameter Model SP-78012-002

Sales Drawing SD-78012-101

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