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Part Number: [78012-0011](#)
Status: **Active**
Overview: [Serial Attached SCSI \(SAS\) Connectors](#)
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

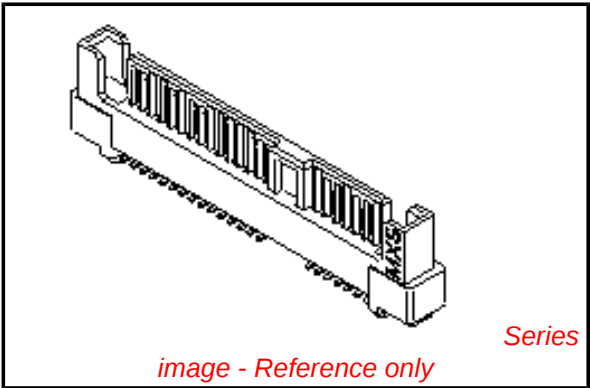
CSA LR19980
UL E29179

General

Product Family I/O Connectors
Series [78012](#)
Application Wire-to-Board
Comments With Cap
Component Type Plug
Electrical Model Yes
Overview [Serial Attached SCSI \(SAS\) Connectors](#)
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 1.750/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



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen



Need more information on product environmental compliance?
Email 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

Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
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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