

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [78560-0001](#)  
**Status:** **Active**  
**Overview:** Combo External Serial ATA and USB Receptacles  
**Description:** Combo External Serial ATA and USB Receptacles, Right Angle, Through Hole, Top Mount, Sink Type, 1.80mm Sink Mount Height, 0.762µm Selective Gold (Au) Plating, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-78560-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

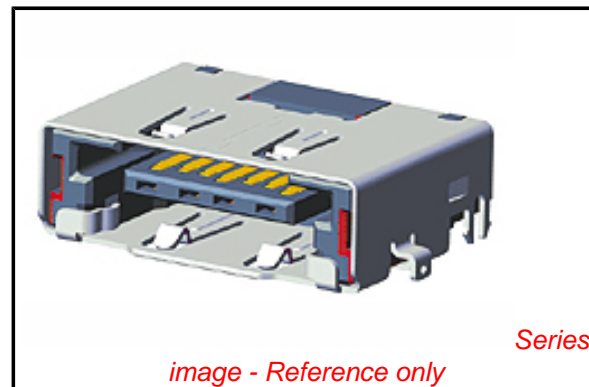
CSA LR19980  
 UL E29179

**General**

Product Family I/O Connectors  
 Series [78560](#)  
 Application Wire-to-Board  
 Comments Shorter hind Forklocks . 1.80mm Sink Mount Height . Mounted on recessed PCB . Durability: 1,500 cycles for USB; 2,500 cycles for eSATA  
 Component Type Receptacle  
 Overview Combo External Serial ATA and USB Receptacles  
 Product Name eSATA/USB Combo, External Serial ATA, USB  
 Type N/A  
 UPC 884982346871

**Physical**

Circuits (Loaded) 4, 7  
 Circuits Detail eSATA: 7 circuits; USB: 4 circuits  
 Color - Resin Black  
 Durability (mating cycles max) 1,500  
 Flammability 94V-0  
 Gender Male  
 Keying to Mating Part Yes  
 Lock to Mating Part Yes  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 2.132/g  
 Number of Rows 2  
 Orientation Right Angle  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.20mm  
 Packaging Type Embossed Tape on Reel  
 Panel Mount Yes  
 Pitch - Mating Interface 1.27mm, 2.00mm, 2.50mm  
 Pitch - Termination Interface 1.27mm, 2.00mm, 2.50mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Ports 1



**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**

78560Series

**Mates With**

External Serial ATA Cable Assembly or USB Type A Cable Assembly

Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Through Hole

### **Electrical**

Current - Maximum per Contact	1.5A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	15V DC

### **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**

Product Specification	PS-78560-001
Sales Drawing	SD-78560-001

This document was generated on 07/31/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**