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**Part Number:** [78159-0001](#)  
**Status:** **Active**  
**Overview:** Information Versatile for Removable Storage (iVDR)  
**Description:** 1.27mm Pitch iVDR\* Receptacle, Mating Height 4.60mm, Gold (Au) Flash, SMT, Right Angle, Top Mount Type, 26 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-78159-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [78159](#)  
 Application Board-to-Board, Signal  
 Overview [Information Versatile for Removable Storage \(iVDR\)](#)  
 Product Name iVDR, Serial ATA  
 UPC 800756936703

**Physical**

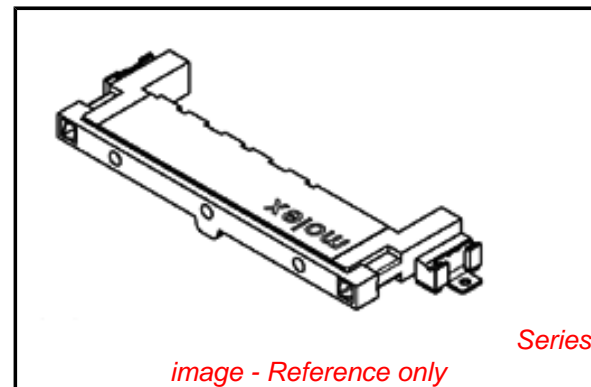
Circuits (Loaded) 26  
 Circuits (maximum) 26  
 Color - Resin Black  
 Durability (mating cycles max) 10,000  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part Yes  
 Lock to Mating Part None  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Net Weight 1.933/g  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Locator Yes  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 1.27mm  
 Plating min - Mating 0.381µm  
 Plating min - Termination 2.540µm  
 Polarized to PCB Yes  
 Temperature Range - Operating 0°C to +55°C  
 Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 0.5A  
 Grounding to PCB Yes  
 Voltage - Maximum 30V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 40  
 Lead-free Process Capability Reflow Capable (SMT only)  
 Max. Cycles at Max. Process Temperature 1  
 Process Temperature max. C 260



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not 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**  
[78159Series](#)

## Material Info

### Reference - Drawing Numbers

Product Specification

PS-78159-001

Sales Drawing

SD-78159-001

\*iVDR (Information Versatile Disk for Removable usage) is a trademark of iVDR Hard Disk Drive Consortium .

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