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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](#)

[Drawing \(PDF\)](#)

[Product Specification PS-78159-001 \(PDF\)](#)

[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

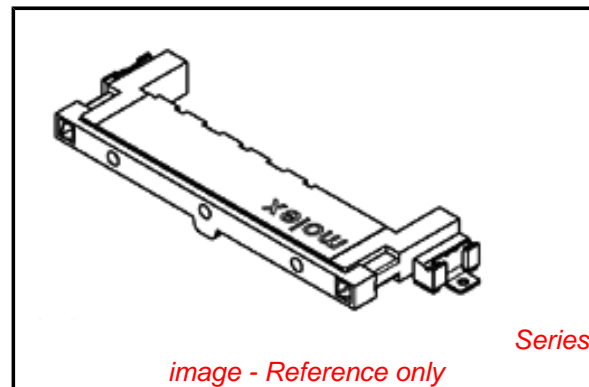
Solder Process Data

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
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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