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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

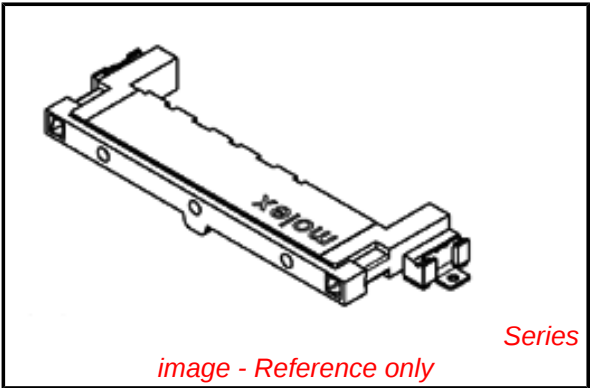
Circuits (Loaded) 26
Circuits (maximum) 26
Color - Resin Black
Durability (mating cycles max) 10,000
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part Yes
Lock to Mating Part None
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Net Weight 1.933/g
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



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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