



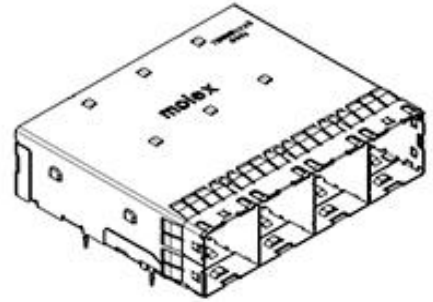
Part Number : [768661213](#)

Product Description : iPass+ HD Cage and Receptacle with Extended Snout 1x4, 0.76µm, Lead-Free

Series Number : 76866

Status : Active

Product Category : High-Speed I/O Connectors



Documents & Resources

Drawings

[768661213 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[EE-76866-1004-001.pdf](#)

[SP-76866-1004-001.zip](#)

Specifications


[PS-76866-001-001.pdf](#)

[TS-76866-001-001.pdf](#)

[TS-76866-1004-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44 |
| China RoHS | per SJ/T 11365-2006  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | High-Speed I/O Connectors |
| Series | 76866 |
| Description | iPass+ HD Cage and Receptacle with Extended Snout 1x4, 0.76µm, Lead-Free |
| Application | Wire-to-Board |
| Component Type | External Integrated Cage, Receptacle |
| Product Name | iPass+ |
| Type | Pluggable |
| UPC | 887191048895 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E107635 |

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.75A |
| Voltage - Maximum | 30V AC (RMS)/DC |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 144 |
| Circuits (maximum) | 144 |
| Color - Resin | Black |
| Durability (mating cycles max) | 250 |
| Flammability | 94V-0 |
| Lock to Mating Part | Yes |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 26.942/g |
| Orientation | Right Angle |
| Packaging Type | Tray |
| Panel Mount | No |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| Pitch - Mating Interface | 0.75mm |
| Pitch - Termination Interface | 0.75mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 0.762µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Temperature Range - Operating | -40° to +80°C |
| Termination Interface Style | Through Hole - Compliant Pin |

Solder Process Data

| | |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|------------------------------|---------------|
| Mini-SAS HD Cable Assemblies | <u>111068</u> |

| | |
|--|---------------|
| Mini-SAS HD-to-Mini-SAS HD 3.0 Cable Assemblies | <u>111075</u> |
| Mini-SAS HD-to-Mini-SAS HD 3.0 Cable Assemblies | <u>111077</u> |