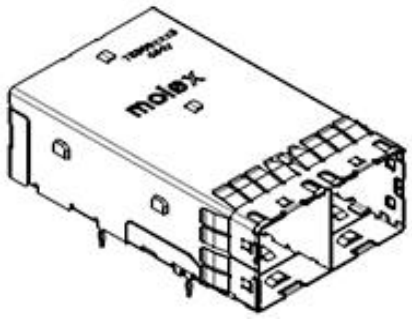
Part Number : 768661215
Product Description : iPass+ HD Cage and Receptacle with Extended Snout 1x2, 0.76µm, Lead-Free
Series Number : 76866
Status : Active
Product Category : High-Speed I/O Connectors



Documents & Resources

Drawings

768661215_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	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
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 1x2, 0.76µm, Lead-Free
Application	Wire-to-Board
Component Type	External Integrated Cage, Receptacle
Product Name	iPass+
Type	Pluggable
UPC	887191048901

Agency

CSA	LR19980
UL	E107635

Electrical

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

Physical

Circuits (Loaded)	72
Circuits (maximum)	72
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	14.125/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	111068

Mini-SAS HD-to-Mini-SAS HD 3.0 Cable Assemblies	111075
Mini-SAS HD-to-Mini-SAS HD 3.0 Cable Assemblies	111077