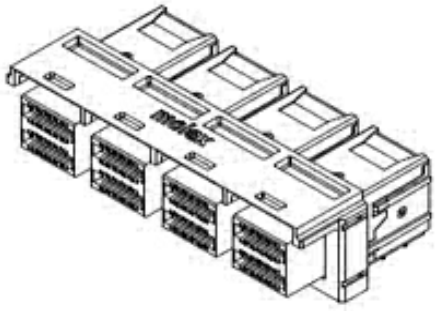
Part Number : 768671013
Product Description : iPass+ HD Internal Cable and Connector Assembly, 1x4, 0.76µm, Lead-Free
Series Number : 76867
Status : Active
Product Category : High-Speed I/O Connectors



Documents & Resources

Drawings

768671013_sd.pdf

PK-76867-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

EE-76866-1004-001.pdf

SP-76866-001-001.zip

SP-76866-100-001.zip

SP-76866-1004-001.zip

Specifications

AS-76867-001-001.pdf

AS-76867-002-001.pdf

PS-76867-001-001.pdf

TS-76866-1004-001.pdf

TS-76867-001-001.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	76867
Description	iPass+ HD Internal Cable and Connector Assembly, 1x4, 0.76µm, Lead-Free
Application	Wire-to-Board
Component Type	Internal Receptacle
Product Name	iPass+
Type	Pluggable
UPC	887191048840

Agency

CSA	LR19980
UL	E107635

Electrical

Current - Maximum per Contact	1.0A
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	15.965/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.37mm
Pitch - Mating Interface	0.75mm
Pitch - Termination Interface	0.75mm
Plating min - Mating	0.762µm, 1.524µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	4
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
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	100171
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	100172
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	100189
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	100190
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	100219
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	100220
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	100221
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	100222
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	100223
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	100224
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	100225
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	100226

Application Tooling