Part Number : 1707290005
Product Description : iPass+ zHD Vertical Single Piece Housing Assembly, Through Hole, 0.76µm Gold (Au) Plating
Series Number : 170729
Status : Active
Product Category : High-Speed I/O Connectors



Documents & Resources

Drawings

Drawing 1707290005_sd.pdf
Packaging Design Drawing PK-76867-002-000.pdf

3D Models and Design Files

3D Model 1707290005_stp.zip
Electrical Model Document EE-170729-0001-001.pdf
S-Parameter Model SP-170729-0001-001.zip

Specifications

Application Specification 1707290002-000.pdf
Application Specification AS-170729-0001-001.pdf
Product Specification PS-170729-001-001.pdf
Test Summary 1707290001-000.pdf
Test Summary TS-170729-9906-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC
- Low-Halogen

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	High-Speed I/O Connectors
Series	170729
Description	iPass+ zHD Vertical Single Piece Housing Assembly, Through Hole, 0.76µm Gold (Au) Plating
Application	Wire-to-Board
Component Type	Internal Receptacle
Product Family	iPass+ HD Interconnect System
Product Name	iPass+,zHD
Type	Pluggable
UPC	887191414942

Agency

CSA	LR19980
UL	E107635

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	48V AC (RMS) / 67V DC

Physical

Circuits (Loaded)	36
Circuits (maximum)	36

Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.798/g
Number of Rows	4
Orientation	Vertical
Packaging Type	Tray
Panel Mount	No
PC Tail Length	1.37mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	0.75mm
Plating min - Mating	0.760µm
Plating min - Termination	0.760µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
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

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