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Part Number: [0768661125](#)
Status: **Active**
Overview: [iPass+ HD Interconnect System](#)
Description: [iPass+ HD Cage and Receptacle with Light Pipes 1x2, 0.76µm, Lead-Free](#)

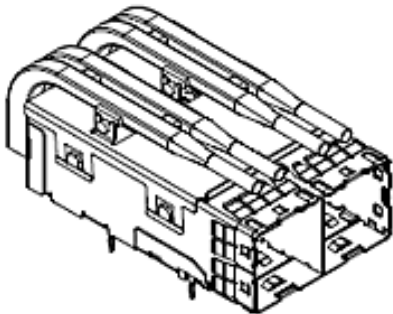
Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-76866-001-001 \(PDF\)](#)
[Product Specification TS-76866-001-001 \(PDF\)](#)
[Product Specification TS-76866-1004-001 \(PDF\)](#)
[Packaging Specification PK-76866-002 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E107635
General	
Product Family	I/O Connectors
Series	76866
Application	Wire-to-Board
Component Type	External Integrated Cage, Receptacle
Electrical Model	Yes
Overview	iPass+ HD Interconnect System
Product Name	iPass+
Type	N/A
UPC	887191049274

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 over Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	19.611/g
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	No
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°C to +80°C
Termination Interface: Style	Through Hole - Compliant Pin

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

Solder Process Data



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - ED/30/2017 (7 July 2017) Halogen-Free Status Low-Halogen Need more information on product environmental compliance? Email productcompliance@molex.com Please visit the Contact Us section for any non-product compliance questions.	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[76866 Series](#)

Mates With
iPass Cable Assembly [111068](#) , [111075](#) ,
[111077](#)

Lead-free	Process Capability	N/A
Material Info		
Reference - Drawing Numbers		
Electrical Model Document		EE-76866-1004
Packaging Specification		PK-76866-002
Product Specification		PS-76866-001-001, TS-76866-001-001, TS-76866-1004-001
S-Parameter Model		SP-76866-001, SP-76866-100, SP-76866-1004
Sales Drawing		SD-76866-1001

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