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Part Number:

0768661011

Status:

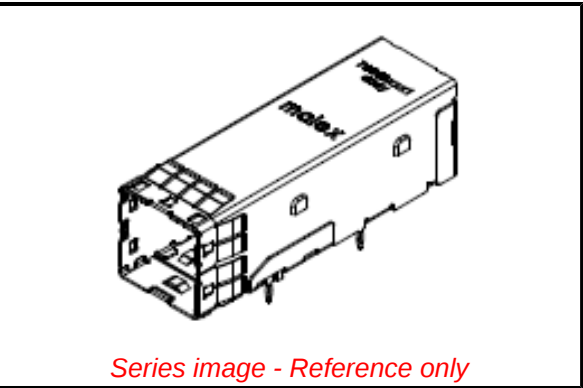
Active

Overview:

iPass+ HD Interconnect System

Description:

iPass+ HD Cage and Receptacle 1x1, 0.76µm, Lead-Free



Documents:	
3D Model	Application Specification AS-76866-001-001 (PDF)
Drawing (PDF)	Application Specification AS-76866-002-001 (PDF)
Product Specification PS-76866-001-001 (PDF)	Packaging Specification PK-76866-001 (PDF)
Product Specification TS-76866-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification TS-76866-1004-001 (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	887191048857
Physical	
Circuits (Loaded)	36
Circuits (maximum)	36
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	7.658/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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
76866 Series

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

Solder Process Data

Lead-freeProcess CapabilityN/A

Material Info

Reference - Drawing Numbers

Application Specification	AS-76866-001-001, AS-76866-002-001
Electrical Model Document	EE-76866-1004
Packaging Specification	PK-76866-001
Product Specification	PS-76866-001-001, TS-76866-001-001, TS-76866-1004-001
S-Parameter Model	SP-76866-100, SP-76866-1004
Sales Drawing	SD-76866-1000

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