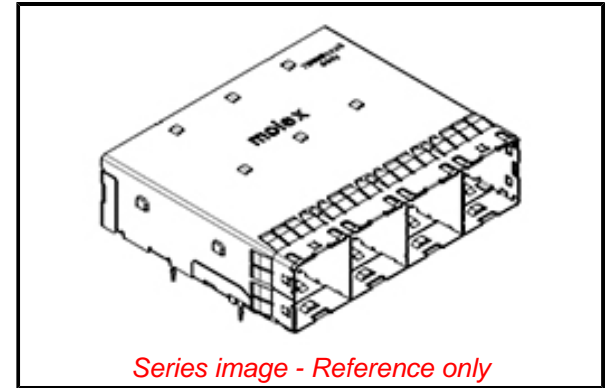


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Part Number: [0768661213](#)
Status: **Active**
Overview: [iPass+ HD Interconnect System](#)
Description: [iPass+ HD Cage and Receptacle with Extended Snout 1x4, 0.76µm, Lead-Free](#)

Documents:

3D Model	Test Summary TS-76866-001-001 (PDF)
Drawing (PDF)	Test Summary TS-76866-1004-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-76866-001-001 (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
Overview	iPass+ HD Interconnect System
Product Name	iPass+
Type	N/A
UPC	887191048895

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	26.942/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° 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

Lead-free Process Capability	N/A
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
1,2-
Benzenedicarboxylic
acid, dihexyl ester, bra
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
2-(2H-benzotriazol-2-
yl)-4,6-
ditertpentylphenol
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
ammoniumpentadecafluorooctanoate
1,3-propanesultone
dibutyltin dichloride
1,2-diethoxyethane
diisopentylphthalate
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
decamethylcyclopentasiloxane
perfluorooctanoic acid
di-n-pentyl phthalate
(DPP)
Perfluorohexane-1-
sulphonic acid and its
salts
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Methylhexahydrophthalic
anhydride
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7

China RoHS

Material Info

Reference - Drawing Numbers

Electrical Model Document
Product Specification
S-Parameter Model
Sales Drawing
Test Summary

EE-76866-1004
PS-76866-001-001
SP-76866-1004
SD-76866-1002-001
TS-76866-001-001, TS-76866-1004-001

Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o

Pyrene

Tris(4-nonylphenyl,
branched and linear)
phosphi

Nonadecafluorodecanoic
acid (PFDA) and its
sodi

Boric acid

n-pentyl-
isopentylphthalate

1,2-
benzenedicarboxylic
acid, dipentylester,
bra

diisohexyl phthalate

1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra

ethylene thiourea

lead

orange lead

cadmium sulphide

cadmium oxide (non-
pyrophoric)

bis(pentabromophenyl)
ether

1,2-bis(2-
methoxyethoxy)ethane

1,2-dimethoxyethane

pentazinc chromate
octahydroxide

bis(2-methoxyethyl)
ether

strontium chromate

Lead sulfochromate
yellow

ethylene thiourea

dihexyl phthalate
(DnHP)

4-aminoazobenzene

benzo[a]pyrene

[phthalato(2-)]dioxotrilead

Sulfurous acid, lead
salt, dibasic

lead cyanamidate

Lead titanium

zirconium oxide

dioxobis(stearato)trilead

pentalead tetraoxide
sulphate

lead oxide sulfate

lead dinitrate

cadmium

**Halogen-Free
Status**

Low-Halogen

For more information, please visit [Contact US](#)

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

This document was generated on 10/20/2020

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