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Part Number: [0755810009](#)
Status: **Active**
Overview: iPass™ Connector System
Description: 0.80mm Pitch, iPass Stacked I/O, External Application, Integrated Cage and Connector Assembly, Right Angle, Press-Fit, 136 Circuit, 0.76µm Gold (Au) Plating, Lead-Free

Documents:

3D Model	Application Specification AS-75581-0002-001 (PDF)
Drawing (PDF)	Packaging Specification PK-75581-001 (PDF)
Product Specification PS-75586-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E107635

General

Product Family	I/O Connectors
Series	75581
Application	Wire-to-Board
Comments	Maximum Current is 0.5A Per Pin
Component Type	Cage Assembly, Receptacle
Overview	iPass™ Connector System
Product Name	iPass, PCI Express
Type	N/A
UPC	884982497023

Physical

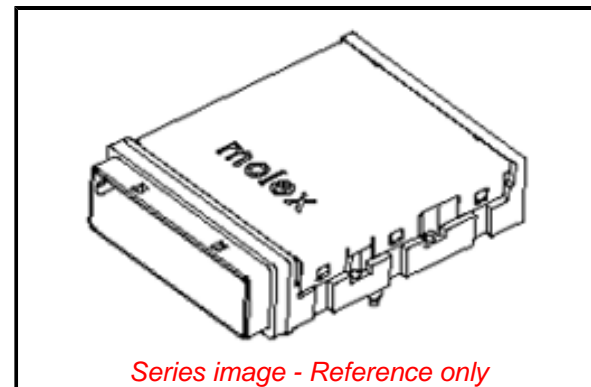
Circuits (Loaded)	136
Circuits (maximum)	136
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	43.765/g
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.80mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	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	0.5A
Voltage - Maximum	30V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability N/A



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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[75581](#) Series

Mates With

[74546](#) iPass Cable Assembly

Use With

[75586](#) Receptacle

Material Info

Reference - Drawing Numbers

Application Specification	AS-75581-0002-001
Electrical Model Document	EE-75581-002
Packaging Specification	PK-75581-001
Product Specification	PS-75586-001-001
S-Parameter Model	SP-75581-002
Sales Drawing	SD-75581-001

This document was generated on 11/30/2017

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