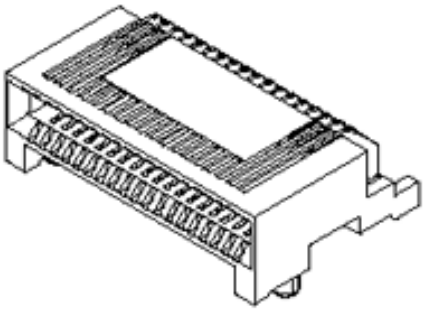
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Part Number: 0755860008
Status: Active
Overview: iPass™ Connector System
Description: 0.80mm Pitch, iPass I/O Surface Mount Receptacle, Right Angle, External Application, 36 Circuit, 0.76µm Gold (Au)



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-75586-001-001 (PDF)
- Application Specification AS-170432-0003 (PDF)
- Application Specification AS-75586-001-001 (PDF)
- Packaging Specification PK-75586-002 (PDF)
- Packaging Specification PK-75586-101 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	I/O Connectors
Series	75586
Application	Wire-to-Board
Component Type	Receptacle
Electrical Model	Yes
Overview	iPass™ Connector System
Product Name	iPass, Mini Multi-Lane, PCI Express
Type	N/A
UPC	822348849512

Physical

Boot Color	N/A
Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Gender	Female
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.935/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.35mm
Packaging Type	Embossed Tape on Reel
Panel Mount	No
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	Yes

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant

REACH SVHC
Not Contained Per - ED/108/2014 (17 Dec 2014)

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 Reviewed

Search Parts in this Series
75586 Series

Mates With
74547 iPass Cable Assembly

Use With
74548 I/O Connectors

Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire Insulation Diameter	N/A
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	020
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-170432-0003, AS-75586-001-001
Electrical Model Document	EE-75586-001
Packaging Specification	PK-75586-002, PK-75586-101
Product Specification	PS-75586-001-001
S-Parameter Model	SP-75586-001
Sales Drawing	SD-75586-001
Signal Integrity Report	SI-75586-0001