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Part Number: [51-25-1040](#)
Status: **Active**
Overview: [LFH™](#)
Description: 1.27mm Pitch LFH™ Matrix 50 Shielded Plug, 160 Circuits, Right Angle, PC Tail
 Length 2.34mm

Documents:

[3D Model](#) [Product Specification PS-71626 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family I/O Connectors
 Series [71624](#)
 Application Board-to-Board
 Component Type Plug
 Overview [LFH™](#)
 Product Name LFH™
 Type N/A
 UPC 800753693197

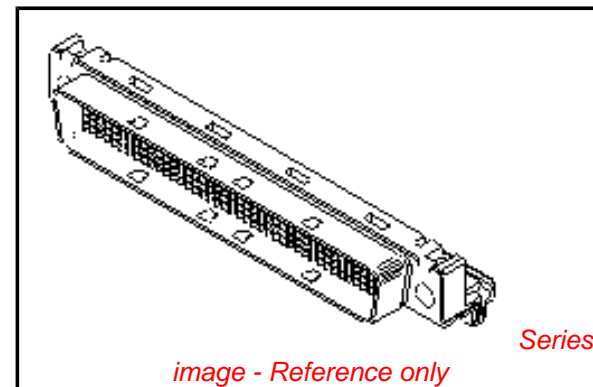
Physical

Circuits (Loaded) 160
 Circuits (maximum) 160
 Color - Resin Black
 Flammability 94V-0
 Lock to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 18.917g
 Orientation Right Angle
 PC Tail Length 2.34mm
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tube
 Panel Mount Yes
 Pitch - Mating Interface 1.27mm
 Pitch - Termination Interface 1.27mm
 Plating min - Mating 1.905µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -20°C to +80°C
 Termination Interface: Style Through Hole
 Wire Size AWG N/A

Electrical

Current - Maximum per Contact 1A
 Shielded Yes
 Voltage - Maximum 40V

Solder Process Data



EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[71624Series](#)

Mates With

[71626 LFH™ Receptacle](#)

Use With

[71628 Guide Pin](#), [Guide Sleeve 71629](#) or [71771, 70982 Hex Screw Kit](#)

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Old Part Number	71624-2000
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Reference - Drawing Numbers

Product Specification	PS-71626
Sales Drawing	SDA-71624-200*

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