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Part Number:

0051251040

Status:

Active

Overview:

LFH™

Description:

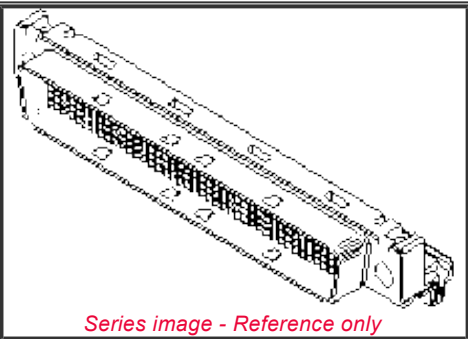
1.27mm (.050") Pitch LFH™ Matrix 50 Shielded Plug, 160 Circuits, Right Angle, PC Tail Length 2.34mm (.092")

Documents:

Note - Please disable browser pop-up blockers for documents on [www.molex.com](#)

[Drawing \(PDF\)](#)

[Product Specification PS-71626 \(PDF\)](#)



3D
Model

EU RoHS
RoHS Compliant by
Exemption

REACH SVHC
Not Reviewed

Halogen-Free Status
Not Reviewed

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China RoHS



For a multiple part number RoHS Certificate of Compliance, [click here](#)

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Search Parts in this Series

[71624](#)Series

Mates With

[71626](#) LFH™ Receptacle

Use With

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

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General

Product Family	I/O Connectors
Series	71624
Application	Board-to-Board
Component Type	Plug
Overview	LFH™
Product Name	LFH™
Type	N/A

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
Orientation	Right Angle
PC Tail Length (in)	0.092 In
PC Tail Length (mm)	2.34 mm
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Panel Mount	Yes
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Plating min: Mating (µin)	75
Plating min: Mating (µm)	1.875
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
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(Please review the Product Specification for specific details.)

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

Agency Certification

CSA	LR19980
UL	E29179

Solder Process Data

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*