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Part Number:

70928-2005

Status:

Active

Overview:

LFH™

Description:

1.27mm Pitch LFH™ Matrix 50 Receptacle, Shielded, Right Angle, 2.01mm PC Tail Length, M3 Hex Screw Kit, Gold Plating, 60 Circuits

Documents:

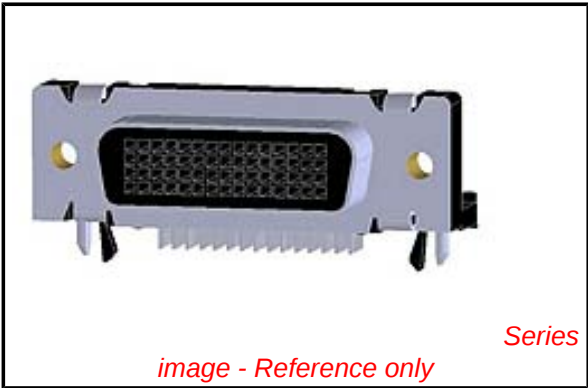
3D Model

Drawing (PDF)

Test Summary TS-70928-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                                                             |
|--------------------------------|---------------------------------------------------------------------------------------------|
| Agency Certification           |                                                                                             |
| CSA                            | LR19980                                                                                     |
| UL                             | E29179                                                                                      |
| General                        |                                                                                             |
| Product Family                 | I/O Connectors                                                                              |
| Series                         | 70928                                                                                       |
| Application                    | Board-to-Board, Wire-to-Board                                                               |
| Comments                       | Dim.B for 1.00mm max. Panel Thickness is 9.65mm and 10.67mm for 1.63mm max. Panel Thickness |
| Component Type                 | Receptacle                                                                                  |
| Overview                       | LFH™                                                                                        |
| Product Name                   | LFH™                                                                                        |
| Type                           | N/A                                                                                         |
| UPC                            | 800753769656                                                                                |
| Physical                       |                                                                                             |
| Circuits (Loaded)              | 60                                                                                          |
| Circuits (maximum)             | 60                                                                                          |
| Color - Resin                  | Black                                                                                       |
| Durability (mating cycles max) | 500                                                                                         |
| Flammability                   | 94V-0                                                                                       |
| Gender                         | Receptacle                                                                                  |
| Keying to Mating Part          | None                                                                                        |
| Lock to Mating Part            | Yes                                                                                         |
| Material - Metal               | Beryllium Copper                                                                            |
| Material - Plating Mating      | Gold                                                                                        |
| Material - Plating Termination | Tin                                                                                         |
| Material - Resin               | High Temperature Thermoplastic                                                              |
| Net Weight                     | 8.446/g                                                                                     |
| Number of Rows                 | 4                                                                                           |
| Orientation                    | Right Angle                                                                                 |
| PC Tail Length                 | 2.00mm                                                                                      |
| PCB Retention                  | None                                                                                        |
| PCB Thickness - Recommended    | 1.60mm                                                                                      |
| Packaging Type                 | Tube                                                                                        |
| Panel Mount                    | Yes                                                                                         |
| Pitch - Mating Interface       | 1.27mm                                                                                      |
| Pitch - Termination Interface  | 1.27mm                                                                                      |
| Plating min - Mating           | 0.762µm                                                                                     |
| 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   | N/A, Surface Mount                                                                          |
| Wire Size AWG                  | N/A                                                                                         |



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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

70928Series

Mates With

70929 LFH™ Plug

Use With

71628 Guide Pin, Guide Sleeve 71629 or 71771, 709821004 Hex Screw Kit Included

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                       |                |
|-----------------------|----------------|
| Product Specification | RPS-70928-001  |
| Sales Drawing         | SDA-70928-20** |
| Test Summary          | TS-70928-001   |

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