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Part Number:

14-44-5420

Status:

Active

Overview:

C-Grid® Products

Description:

2.54mm Pitch SL™ Insulation Displacement Connector Assembly, Male, Single Row, Version D, Back Ribs, for Wire Size 22 AWG, 0.76µm Gold (Au), 20 Circuits

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Documents:                    |                                                      |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-70400 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |

|                                |                                     |
|--------------------------------|-------------------------------------|
| General                        |                                     |
| Product Family                 | Ribbon Cable / Wire Trap Connectors |
| Series                         | 70475                               |
| Comments                       | Terminals Preloaded                 |
| Component Type                 | Housing                             |
| Glow-Wire Compliant            | No                                  |
| Overview                       | C-Grid® Products                    |
| Product Name                   | SL™                                 |
| UPC                            | 800754669436                        |
| Physical                       |                                     |
| Circuits (Loaded)              | 20                                  |
| Circuits (maximum)             | 20                                  |
| Color - Resin                  | Black                               |
| Durability (mating cycles max) | 50                                  |
| Entry Angle                    | Vertical                            |
| Lock to Mating Part            | None                                |
| Material - Metal               | Phosphor Bronze                     |
| Material - Plating Mating      | Gold                                |
| Material - Plating Termination | Tin                                 |
| Material - Resin               | Polyester Alloy                     |
| Number of Rows                 | 1                                   |
| PCB Retention                  | None                                |
| Packaging Type                 | Tube                                |
| Pitch - Mating Interface       | 2.54mm                              |
| Polarized to Mating Part       | No                                  |
| Stackable                      | Yes                                 |
| Surface Mount Compatible (SMC) | N/A                                 |
| Temperature Range - Operating  | -40°C to +105°C                     |
| Termination Interface: Style   | IDT or Pierce                       |
| Wire Insulation Diameter       | 1.35mm max.                         |
| Wire Size AWG                  | 22                                  |
| Wire/Cable Type                | Discrete Wire, Ribbon Cable         |
| Electrical                     |                                     |
| Current - Maximum per Contact  | 3A                                  |
| Voltage - Maximum              | 250V                                |
| Material Info                  |                                     |
| Reference - Drawing Numbers    |                                     |
| Product Specification          | PS-70400                            |



image - Reference only

Series

|                    |            |
|--------------------|------------|
| EU RoHS            | China RoHS |
| Compliance Status  |            |
| Not Reviewed       |            |
| REACH SVHC         |            |
| Not Reviewed       |            |
| Low-Halogen Status |            |
| Not Reviewed       |            |

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

70475Series

Mates With

70004 Interim Clip (Single Row), 70013 Interim Clip (Dual Row)

Use With

7307 Tinned 28AWG, 7767 Topcoat 28AWG, 24241 Tinned 26AWG, 8996 Topcoat 26AWG, 24226 Tinned 24AWG, 8997 Topcoat 24AWG, 24369 High Flex 26AWG, 24389 High Flex 24AWG

|                                                                                                                                                                                 |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Application Tooling   FAQ                                                                                                                                                       |            |
| Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document. |            |
| Global                                                                                                                                                                          |            |
| Description                                                                                                                                                                     | Product #  |
| Ribbon Cable Tool Kit, Press Not Included                                                                                                                                       | 0622016600 |

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