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Part Number:

14-45-0213

Status:

Active

Overview:

SL™ Modular Connectors

Description:

2.54mm Pitch SL™ Insulation Displacement Connector Assembly, Male, Single Row, Version D, Back Ribs, for Wire Size 24 AWG, 3.81µm Tin (Sn), 13 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-70400 (PDF)

RoHS Certificate of Compliance (PDF)

| Agency Certification |                                     |
|----------------------|-------------------------------------|
| CSA                  | LR19980                             |
| UL                   | E29179                              |
| General              |                                     |
| Product Family       | Ribbon Cable / Wire Trap Connectors |
| Series               | 70475                               |
| Comments             | Terminals Preloaded                 |
| Component Type       | Housing                             |
| Glow-Wire Compliant  | No                                  |
| Overview             | SL™ Modular Connectors              |
| Product Name         | SL™                                 |
| UPC                  | 800755033748                        |

| Physical                       |                             |
|--------------------------------|-----------------------------|
| Circuits (Loaded)              | 13                          |
| Circuits (maximum)             | 13                          |
| Color - Resin                  | Black                       |
| Durability (mating cycles max) | 25                          |
| Entry Angle                    | Vertical                    |
| Flammability                   | 94V-0                       |
| Lock to Mating Part            | None                        |
| Material - Metal               | Phosphor Bronze             |
| Material - Plating Mating      | Tin                         |
| 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                  | 24                          |
| Wire/Cable Type                | Discrete Wire, Ribbon Cable |

| Electrical                    |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3A   |
| Voltage - Maximum             | 250V |

| Material Info   |            |
|-----------------|------------|
| Old Part Number | 70475-0082 |

Reference - Drawing Numbers



image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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  
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**  
DescriptionProduct #

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