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Part Number: [0014600145](#)
Status: **Active**
Overview:
Description: 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version A, Non-polarized, Wire Size 28 AWG, 3.81µm Tin/Lead (SnPb), 14 Circuits

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|-------------------|-------------------------------------|
| Product Family | Ribbon Cable / Wire Trap Connectors |
| Series | 70400 |
| Comments | Terminals Preloaded |
| Component Type | Housing |
| Glow-Wire Capable | No |
| Overview | sl_connectors |
| Product Name | SL |
| UPC | 800753766105 |

Physical

| | |
|--------------------------------|-----------------------------|
| Circuits (Loaded) | 14 |
| 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 |
| Plating min - Mating | 3.810µm |
| Plating min - Termination | 1.905µm |
| Polarized to Mating Part | No |
| Stackable | Yes |
| Surface Mount Compatible (SMC) | N/A |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | IDT or Pierce |
| Wire Insulation Diameter | 1.35mm max. |
| Wire Size AWG | 28 |
| Wire/Cable Type | Discrete Wire, Ribbon Cable |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 1.2A |
| Voltage - Maximum | 250V |

Material Info

| | |
|--------------------|------------|
| Engineering Number | 70400-0363 |
|--------------------|------------|

Reference - Drawing Numbers

| | |
|-------------------------|---------------------|
| Packaging Specification | PK-70873-0001-001 |
| Sales Drawing | SDA-70400-0351-0374 |

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

| | |
|-----------------|--------------|
| China ROHS | Not Reviewed |
| ELV | Not Reviewed |
| RoHS Phthalates | Not Reviewed |

China RoHS

Search Parts in this Series

[70400](#) Series

Mates With

Single Row Headers and Housings, [8624](#) , [70203](#) , [42375](#) , [42377](#)

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 #**

| | |
|---|---------------------------|
| IDT - Semi-automatic | 11200949 |
| - Bench-Top Terminator | |
| Ribbon Cable Tool Kit, Press Not Included | 622016600 |
| Hawk Ribbon Cable Terminator without Break-off | 623003000 |
| Hawk Semi-Automatic Discrete Wire Terminator | 623003100 |
| Hawk Semi-Automatic Discrete Wire Terminator for Rebuilt CE Approved* | 623004900 |

Hawk Flat Flex Cable 623005200
Terminator with
Break-off
Hawk Ribbon Cable 623005300
Terminator with
Break-off

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