



Part Number : [14562201](#)

Product Description : 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version A, Non-polarized, Wire Size 24 AWG, 0.38µm Gold (Au), 20 Circuits

Series Number : 70400

Status : Active

Product Category : Connector Housings

Engineering Number : 70400-0544



Documents & Resources

Drawings

[014562201_sd.pdf](#)

[PK-70873-0001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Product Environment Compliance

Compliance

China RoHS	Not Reviewed
EU ELV	Not Reviewed
Low-Halogen Status	Not Reviewed
REACH SVHC	Not Reviewed
EU RoHS	Not Reviewed

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Connector Housings
Series	70400
Description	2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version A, Non-polarized, Wire Size 24 AWG, 0.38µm Gold (Au), 20 Circuits
Comments	Terminals Preloaded
Component Type	Housing
Product Name	SL
UPC	800753761162

Agency

CSA	LR19980
UL	E29179

Electrical

Voltage - Maximum	250V
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Physical

Circuits (Loaded)	20
Color - Resin	Black
Durability (mating cycles max)	50
Entry Angle	Vertical
Flammability	94V-0

Gender	Female
Glow-Wire Capable	No
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
Packaging Type	Tube
PCB Retention	None
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to Mating Part	No
Stackable	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	IDT or Pierce
Wire/Cable Type	Discrete Wire, Ribbon Cable
Wire Insulation Diameter	1.35mm max.
Wire Size (AWG)	24

Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 254 Vertical Breakaway Headers with Friction Lock	<u>42375</u>
KK 254 Right-Angle Surface Mount Compatible Breakaway Headers	<u>42377</u>

Application Tooling

Global

Description	Part Number

IDT Discrete Handtool Module	<u>621000700</u>
Ribbon Cable Tool Kit, Press Not Included	<u>622016600</u>