molex



Part Number : 14562121
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), 12 Circuits
Series Number : 70400
Status : Active
Product Category : Connector Housings
Engineering Part Number : 70400-0536

Documents and Resources

Drawings

014562121_sd.pdf

PK-70873-0001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Product Environment Compliance

Compliance

GADSL/IMDS	Not Reviewed
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

Downloaded from Arrow.com.

- 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), 12 Circuits
Comments	Terminals Preloaded
Component Type	Housing
Product Name	SL
UPC	800753760806

Agency

CSA	LR19980
UL	E29179

Electrical

Voltage - Maximum	250V

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black

Downloaded from Arrow.com.

Durability (mating cycles max)	50
Entry Angle	Vertical
Flammability	94V-0
Gender	Female
Glow-Wire Capable	No
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Packaging Type	Tube
PCB Retention	No
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	42375
KK 254 Right-Angle Surface Mount Compatible Breakaway Headers	42377

Application Tooling

Downloaded from Arrow.com.

Global

Description	Part Number
IDT Discrete Handtool Module	621000700
Ribbon Cable Tool Kit, Press Not Included	622016600

Downloaded from Arrow.com.