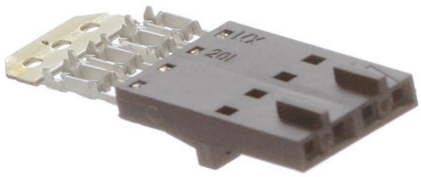
Part Number : 14562042
Product Description : 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 24 AWG, 0.38µm Gold (Au), 4 Circuits
Series Number : 70400
Status : Active
Product Category : Connector Housings
Engineering Number : A-70400-0668



Documents & Resources

Drawings

014562042_sd.pdf

PK-70873-0001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

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 G, Positive Lock, Wire Size 24 AWG, 0.38µm Gold (Au), 4 Circuits
Comments	Terminals Preloaded
Component Type	Housing
Product Name	SL
UPC	800753742314

Agency

CSA	LR19980
UL	E29179

Electrical

Voltage - Maximum	250V

Physical

Circuits (Loaded)	4

Color - Resin	Black
Durability (mating cycles max)	50
Entry Angle	Vertical
Flammability	94V-0
Gender	Female
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester Alloy
Net Weight	0.828/g
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	Yes
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

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
SL Single Row Housing Panel Mounts	70018

SL Single Row Crimp Housings	70107
SL Vertical Single Row Headers	70543
SL Vertical Single Row Headers	70545
SL Right-Angle, Single Row, Low Profile Headers	70553
SL Right-Angle Single Row Headers	70555

Application Tooling

Global

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