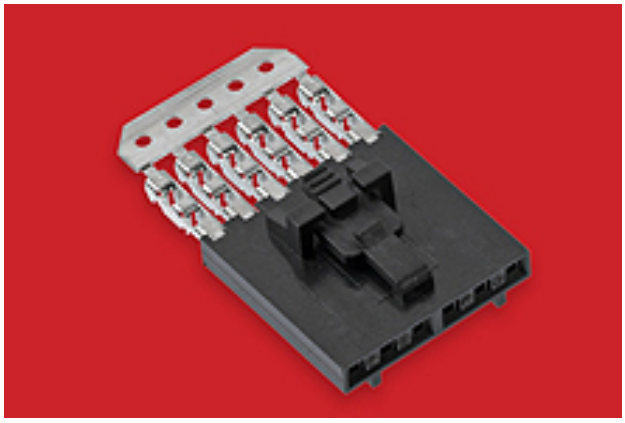
Part Number : 14600042
Product Description : 2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version G, Positive Lock, Wire Size 24 AWG, 3.81µm Tin/Lead (SnPb), 4 Circuits
Series Number : 70400
Status : Active
Product Category : Connector Housings
Engineering Number : A-70400-0143



Documents & Resources

Drawings

Drawing_014600042_sd.pdf
Packaging Design Drawing_PK-70873-0001-001.pdf

3D Models and Design Files

3D Model_014600042_stp.zip

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

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

EU RoHS Certificate of Compliance

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, 3.81µm Tin/Lead (SnPb), 4 Circuits
Comments	Terminals Preloaded
Component Type	Housing
Product Family	SL Modular Connectors
Product Name	SL
UPC	800753605572

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

Physical

Circuits (Loaded)	4
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical
Flammability	94V-0
Gender	Female

Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester Alloy
Net Weight	0.772/g
Number of Rows	1
Packaging Type	Tube
PCB Retention	None
Pitch - Mating Interface	2.54mm
Plating min - Mating	3.810µm
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

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	0621000700
Ribbon Cable Tool Kit, Press Not Included	0622016600