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Part Number:

0705550046

Status:

Active

Overview:

SL™ Modular Connectors

Description:

2.54mm Pitch SL™ Header, Single Row, Right Angle, 3.05mm Pocket, Shrouded, with Press-fit Plastic Peg, 12 Circuits, 0.38μm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

- Documents:
- 3D Model

Product Specification TS-70541-001-001 (PDF)
- Drawing (PDF)

Product Specification TS-70541-100-001 (PDF)
- Product Specification PS-70400-001 (PDF)

Packaging Specification PK-70873-0015 (PDF)
- Product Specification PS-70541-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

70555

Application

Signal, Wire-to-Board

Overview

SL™ Modular Connectors

Product Name

SL™

UPC

800753597235

Physical

Breakaway

No

Circuits (Loaded)

12

Circuits (maximum)

12

Color - Resin

Black

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

Yes

Lock to Mating Part

Yes

Material - Metal

Brass, Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

2.775/g

Number of Rows

1

Orientation

Right Angle

PC Tail Length

3.30mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Tube

Pitch - Mating Interface

2.54mm

Plating min - Mating

0.381μm

Plating min - Termination

1.905μm

Polarized to Mating Part

Yes

Shrouded

Fully

Stackable

No

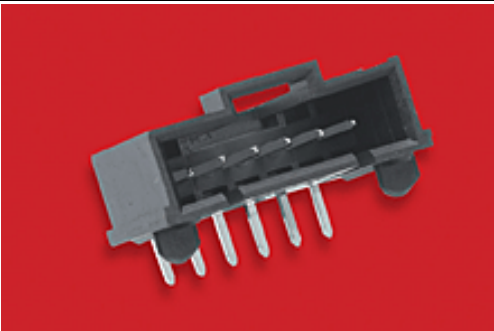
Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

70555 Series

Mates With

SL™ Crimp Housing [70066](#) Option N, [70066](#)
Option G, [70430](#) Option G, [70400](#) Option G

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	001
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Engineering Number	A-70555-0046
Reference - Drawing Numbers	
Packaging Specification	PK-70873-0015
Product Specification	PS-70400-001, PS-70541-001, TS-70541-001-001, TS-70541-100-001
Sales Drawing	SDA-70555-****

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