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Part Number:

0705550058

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, 24 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification 510211006-PS-000 (PDF)

Product Specification PS-70400-001 (PDF)

Product Specification PS-70541-001 (PDF)

Packaging Specification PK-70873-0015-001 (PDF)

Test Summary TS-70541-100-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

General

Product Family

Series

Application

Overview

Product Name

Taxonomy

UPC

PCB Headers

70555

Signal, Wire-to-Board

SL Modular Connectors

SL

PCB Headers and Receptacles

800753624238

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Guide to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Shrouded

Stackable

Temperature Range - Operating

Termination Interface: Style

No

24

24

Black

50

94V-0

No

Yes

Yes

Brass, Phosphor Bronze

Gold

Tin

High Temperature Thermoplastic

5.307/g

1

Right Angle

3.30mm

Yes

Yes

1.60mm

Tube

2.54mm

0.381µm

1.905µm

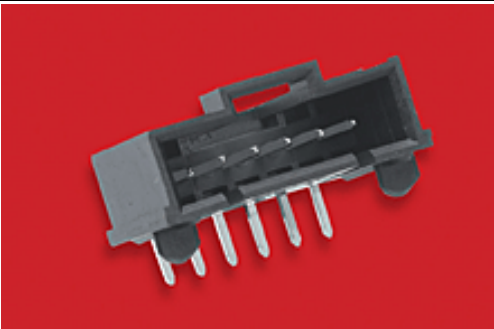
Yes

Fully

No

-40° to +105°C

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

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

Electrical

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-70555-0058
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Reference - Drawing Numbers

Packaging Specification	PK-70873-0015-001
Product Specification	510211006-PS-000, PS-70400-001, PS-70541-001
Sales Drawing	705550000-SD-000
Test Summary	TS-70541-100-001

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