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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

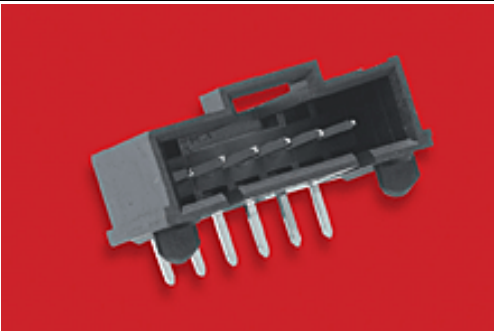
Yes

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 -

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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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