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Part Number:

0705430002

Status:

Active

Overview:

cgrid\_sl\_products

Description:

2.54mm (.100") Pitch SL™ Header, Single Row, Vertical, .120" Pocket, Shrouded, 3 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-70400 (PDF)

Product Specification PS-70541 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

70543

Application

Signal, Wire-to-Board

Overview

cgrid\_sl\_products

Product Name

SL™

Physical

Breakaway

No

Circuits (Loaded)

3

Color - Resin

Black

Durability (mating cycles max)

50

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

Brass, Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Number of Rows

1

Orientation

Vertical

PC Tail Length

3.30mm (.130")

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm (.063")

Packaging Type

Tube

Pitch - Mating Interface

2.54mm (.100")

Pitch - Termination Interface

2.54mm (.100")

Plating min - Mating

0.381µm (15µ")

Plating min - Termination

1.905µm (75µ")

Polarized to Mating Part

Yes

Shrouded

Fully

Stackable

No

Surface Mount Compatible (SMC)

No

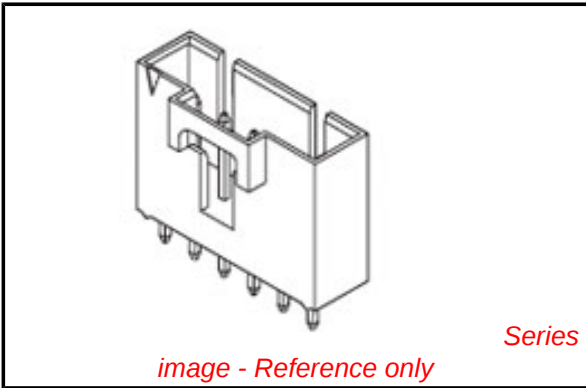
Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole

Electrical



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

70543Series

|                                                |                        |
|------------------------------------------------|------------------------|
| Current - Maximum per Contact                  | 3A                     |
| Voltage - Maximum                              | 250V                   |
| <b>Solder Process Data</b>                     |                        |
| Duration at Max. Process Temperature (seconds) | 3                      |
| Lead-free Process Capability                   | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 1                      |
| Process Temperature max. C                     | 260                    |
| <b>Material Info</b>                           |                        |
| Old Part Number                                | A-70543-0002           |
| <b>Reference - Drawing Numbers</b>             |                        |
| Product Specification                          | PS-70400, PS-70541     |
| Sales Drawing                                  | SDA-70543-****         |

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