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Part Number:0705430011

Status:Active

Overview:C-Grid® / SL™ Products

Description:2.54mm (.100") Pitch SL™ Header, Single Row, Vertical, .120" Pocket, Shrouded, 12 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

[3D Model](#)

[Packaging Specification \(PDF\)](#)

[Drawing \(PDF\)](#)

[Product Specification PS-70400 \(PDF\)](#)

[Product Specification PS-70541 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product FamilyPCB Headers

Series70543

ApplicationWire-to-Board

OverviewC-Grid® / SL™ Products

Product NameSL™

Physical

BreakawayNo

Circuits (Loaded)12

Color - ResinBlack

Durability (mating cycles max)50

First Mate / Last BreakNo

Flammability94V-0

Glow-Wire CompliantNo

Guide to Mating PartNo

Keying to Mating PartNone

Lock to Mating PartYes

Material - MetalBrass, Phosphor Bronze

Material - Plating MatingGold

Material - Plating TerminationTin

Material - ResinHigh Temperature Thermoplastic

Number of Rows1

OrientationVertical

PC Tail Length (in)0.130 In

PC Tail Length (mm)3.30 mm

PCB LocatorNo

PCB RetentionNone

PCB Thickness Recommended (in)0.062 In

PCB Thickness Recommended (mm)1.60 mm

Packaging TypeTube

Pitch - Mating Interface (in)0.100 In

Pitch - Mating Interface (mm)2.54 mm

Pitch - Term. Interface (in)0.100 In

Pitch - Term. Interface (mm)2.54 mm

Plating min: Mating (µin)15

Plating min: Mating (µm)0.375

Plating min: Termination (µin)75

Plating min: Termination (µm)1.875

Polarized to Mating PartYes

ShroudedFully

StackableNo

Surface Mount Compatible (SMC)No

Temperature Range - Operating-40°C to +105°C

Termination Interface: StyleThrough Hole

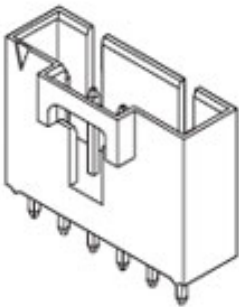


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

China RoHS



Need more information on product environmental compliance?

Email 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

Electrical

CSA	LR19980
Current - Maximum	3A
UL	E29179
Voltage - Maximum	250V

Solder Process Data

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

Material Info

Old Part Number	A-70543-0011
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Reference - Drawing Numbers

Product Specification	PS-70400, PS-70541
Sales Drawing	SDA-70543-****

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