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Part Number: [0705430020](#)
Status: **Active**
Overview:
Description: 2.54mm Pitch SL Header, Single Row, Vertical, 3.05mm Pocket, Shrouded, 21 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Agency Certification

CSA LR19980

General

Product Family PCB Headers
 Series [70543](#)
 Application Signal, Wire-to-Board
 Overview sl_connectors
 Product Name SL
 Taxonomy PCB Headers and Receptacles
 UPC 800755033472

Physical

Breakaway No
 Circuits (Loaded) 21
 Circuits (maximum) 21
 Color - Resin Black
 Durability (mating cycles max) 50
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Capable 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
 Net Weight 3.940/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 3.30mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tube
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm
 Plating min - Mating 0.381µm
 Plating min - Termination 1.905µm
 Polarized to Mating Part Yes
 Shrouded Fully
 Stackable No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -40° to +105°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3.0A
 Voltage - Maximum 250V

Solder Process Data

EU ELV

Not Relevant

EU 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

China RoHS

ELV

Green Image

RoHS Phthalates

Not Relevant

Not Contained

Search Parts in this Series

[70543](#) Series

Mates With

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

Lead-freeProcess Capability

WAVE

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-70873-0014-001

Product Specification

PS-70400-001, PS-70541-001

Sales Drawing

SDA-70543-XXXX-001

Test Summary

TS-70541-100-001

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