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Part Number: [0705530052](#)
Status: **Active**
Overview:
Description: 2.54mm Pitch SL Header, Low Profile, Single Row, Right Angle, 3.05mm Pocket, Shrouded, 18 Circuits, Tin (Sn) Plating

Agency Certification

CSA LR19980

General

Product Family PCB Headers
 Series [70553](#)
 Application Signal, Wire-to-Board
 Overview sl_connectors
 Product Name SL
 Taxonomy PCB Headers and Receptacles
 UPC 800753764521

Physical

Breakaway No
 Circuits (Loaded) 18
 Circuits (maximum) 18
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Capable No
 Guide to Mating Part Yes
 Lock to Mating Part Yes
 Material - Metal Brass, Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 3.953/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 3.30mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tube
 Pitch - Mating Interface 2.54mm
 Plating min - Mating 3.810µm
 Plating min - Termination 3.810µm
 Polarized to Mating Part Yes
 Shrouded Fully
 Stackable 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

Lead-freeProcess Capability WAVE

Material Info

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[70553](#) Series

Mates With

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

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

PK-70873-0015-001

PS-70400-001, PS-70541-001

SDA-70553-XXXX-001

TS-70541-100-001

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