

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [70551-0054](#)
Status: **Active**
Overview: [SL™ Modular Connectors](#)
Description: 2.54mm Pitch SL™ Header, Single Row, Right Angle, 3.05mm Pocket, Shrouded, with Beveled Plastic Peg, 20 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

[3D Model](#) [Product Specification PS-70541 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-70400 \(PDF\)](#)

Agency Certification

CSA LR19980

General

Product Family PCB Headers
 Series [70551](#)
 Application Signal, Wire-to-Board
 Overview [SL™ Modular Connectors](#)
 Product Name SL™
 UPC 800754054645

Physical

Breakaway No
 Circuits (Loaded) 20
 Circuits (maximum) 20
 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
 Net Weight 4.463/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 3.30mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tube
 Pitch - Mating Interface 2.54mm
 Plating min - Mating 0.381µm
 Plating min - Termination 1.905µm
 Polarized to Mating Part Yes
 Shrouded Fully
 Stackable No
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

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

[70551Series](#)

Mates With

SL™ Crimp Housing [70066](#) , [70430](#) , [70400](#)

Electrical

Current - Maximum per Contact
Voltage - Maximum

3A
250V

Solder Process Data

Lead-free Process Capability

Wave Capable (TH only)

Material Info**Reference - Drawing Numbers**

Product Specification
Sales Drawing

PS-70400, PS-70541
SDA-70551-****

This document was generated on 01/22/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION