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Part Number: [0705450054](#)
Status: **Active**
Overview: [SL Modular Connectors](#)
Description: 2.54mm Pitch SL Header, Single Row 3.05mm Pocket Vertical, Shrouded, with Press-fit Plastic Peg, 20 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

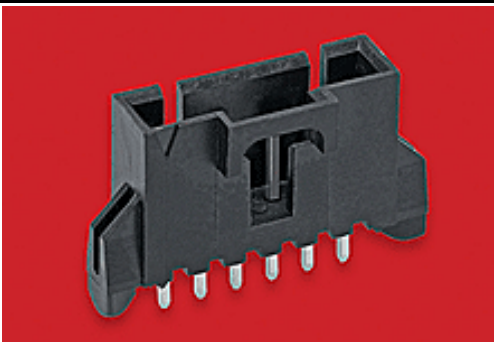
Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-70400-001 \(PDF\)](#)
[Product Specification PS-70541-001 \(PDF\)](#)
[Product Specification TS-70541-100-001 \(PDF\)](#)
[Packaging Specification PK-70873-0014 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
CSA LR19980

General
Product Family PCB Headers
Series [70545](#)
Application Signal, Wire-to-Board
Overview [SL Modular Connectors](#)
Product Name SL
UPC 800753597761

Physical
Breakaway No
Circuits (Loaded) 20
Circuits (maximum) 20
Color - Resin Black
Durability (mating cycles max) 50
Flammability 94V-0
Glow-Wire Capable No
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 3.853/g
Number of Rows 1
Orientation Vertical
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
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -40° to +105°C
Termination Interface: Style Through Hole

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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/61/2018 (27 June
2018)
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
[70545 Series](#)

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

Solder Process Data

Lead-freeProcess CapabilityWAVE

Material Info

Engineering NumberA-70545-0054

Reference - Drawing Numbers

Packaging SpecificationPK-70873-0014
Product SpecificationPS-70400-001, PS-70541-001, TS-70541-100-001
Sales DrawingSDA-70545-****

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