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Part Number:

0705550054

Status:

Active

Overview:

SL™ Modular Connectors

Description:

2.54mm Pitch SL™ Header, Single Row, Right Angle, 3.05mm Pocket, 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)

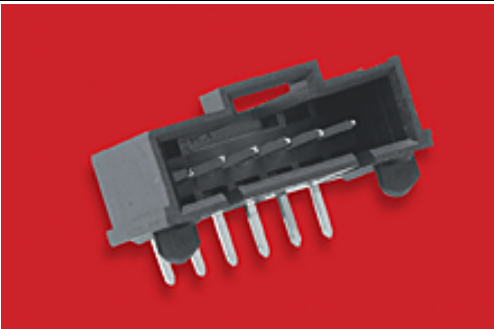
Product Specification TS-70541-001-001 (PDF)

Product Specification TS-70541-100-001 (PDF)

Packaging Specification PK-70873-0015 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
General	
Product Family	PCB Headers
Series	70555
Application	Signal, Wire-to-Board
Overview	SL™ Modular Connectors
Product Name	SL™
UPC	800753597273
Physical	
Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
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
Electrical	
Current - Maximum per Contact	3.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

70555 Series

Mates With

SL™ Crimp Housing 70066 Option N, 70066 Option G, 70430 Option G, 70400 Option G

Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	001
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Engineering Number	A-70555-0054
Reference - Drawing Numbers	
Packaging Specification	PK-70873-0015
Product Specification	PS-70400-001, PS-70541-001, TS-70541-001-001, TS-70541-100-001
Sales Drawing	SDA-70555-****

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