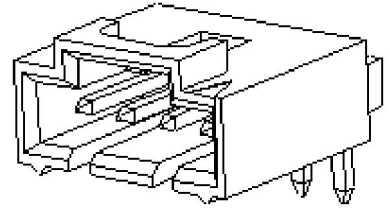


**Datasheet
PCB Headers**

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70553-0004

2.54mm (.100") Pitch SL™ Header, Low Profile, Single Row, Right Angle, .120" Pocket, Shrouded, 5 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating



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Status	Active
Orientation	Right Angle
Pitch / Center Spacing	2.54mm (.100")
Circuits / Positions	5
Rows	1
Product Name	SL™
Stackable	No
Breakaway	No
Shrouded	Yes
Pin Header	Yes

ENVIRONMENT	
RoHS Compliant	ELV and RoHS Compliant
Lead-free Process Capability	Wave Capable (TH only)

RELATED PRODUCTS

Lock to Mating Part	Positive
Guide to Mating Part	Yes
Mates With	70066g , 70066n , 70400g , 70430g

MOUNTING

PCB Mounting	Through Hole
Polarized to PCB	No
PCB Retention	None
PCB Locator	No
PCB Thickness	1.6mm (.062")
Staggered Tails	No
PCB Layout	Single Row Inline

ELECTRICAL

Current-max [amps]	3.0A
Voltage-max [volts]	250V
Withstanding Voltage	1500V
Contact Resistance [ohms]	15 milliohms max.
Insulation Resistance [ohms]	1000 Megohms min.

PHYSICAL

Housing Material	PCT Polyester, Glass-filled
Color	Black
Flammability	UL 94V-0
Contact	Phosphor Bronze (CuSn)
Plating Contact	0.38µm (15µ") Gold (Au)

Plating Tail	1.9µm (75µ") Tin (Sn)
Under Plating	1.27µm (50µ") Nickel (Ni)
Durability [mating cycles] min.	50 cycles
Temperature Range	-40°C to +105°C
Pin Size	0.64mm (.025"), Square
REFERENCE	
Product Specification	PS-70541
Packaging	Tube
UL File Number	E29179
CSA File Number	LR19980
970 Catalog Page	A-53
990 Catalog Page	A-52
MX01 Catalog Page	C-39
Molex Series	70553

For all product dimensions, please refer to Drawing (PDF).