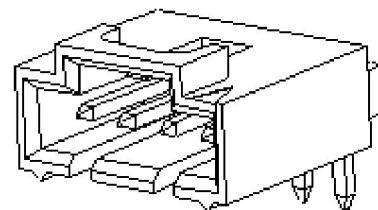


Datasheet
PCB Headers

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70553-0005

2.54mm (.100") Pitch SL™ Header, Low Profile, Single Row, Right Angle, .120" Pocket, Shrouded, 6 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 | 6 |
| 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).