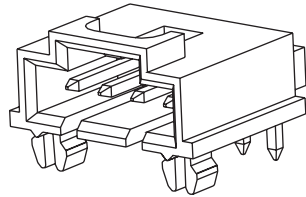


2.54mm (.100") Pitch

SL™

Wire-to-Board
Shrouded Header

70551

Single Row, .120" Pocket
Right Angle, Split Peg**Features and Benefits**

- Sizes 2 to 25 circuits
- PCB locks hold header in place until permanently soldered
- Locking crown secures positive latch connector to header
- Polarization slots guide front ribs of mating connector to prevent pin damage
- Standoffs minimize flux retention

Reference Information

Product Specification: PS-70541
 Packaging: Tube
 UL File No.: E29179
 CSA File No.: LR19980
 Mates with: 70066, 70066N, 70400 and 70430G
 Designed in: Inches

Electrical

Voltage: 250V
 Current: 3.0A
 Contact Resistance: 15 milliohms max.
 Dielectric Withstanding Voltage: 1500V
 Insulation Resistance: 10,000 Megohms min.

Mechanical

Insertion force to PCB: 44.48N (10 lbs.)
 Durability: Tin — 25 cycles; Gold — 50 cycles

Physical

Housing: Black polyester, UL 94V-0
 Contact: Copper Alloy
 Plating: See Table
 Operating Temperature: -40 to +105°C

Circuits	Order No.			Lead-free
	150 μ m Tin	15 μ m Gold	30 μ m Gold	
2	70551-0001	70551-0036	70551-0071	Yes
3	70551-0002	70551-0037	70551-0072	
4	70551-0003	70551-0038	70551-0073	
5	70551-0004	70551-0039	70551-0074	
6	70551-0005	70551-0040	70551-0075	
7	70551-0006	70551-0041	70551-0076	
8	70551-0007	70551-0042	70551-0077	
9	70551-0008	70551-0043	70551-0078	
10	70551-0009	70551-0044	70551-0079	
11	70551-0010	70551-0045	70551-0080	
12	70551-0011	70551-0046	70551-0081	
13	70551-0012	70551-0047	70551-0082	

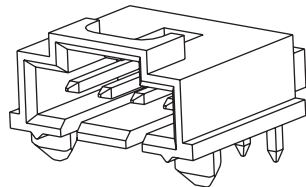
Circuits	Order No.			Lead-free
	150 μ m Tin	15 μ m Gold	30 μ m Gold	
14	70551-0013	70551-0048	70551-0083	Yes
15	70551-0014	70551-0049	70551-0084	
16	70551-0015	70551-0050	70551-0085	
17	70551-0016	70551-0051	70551-0086	
18	70551-0017	70551-0052	70551-0087	
19	70551-0018	70551-0053	70551-0088	
20	70551-0019	70551-0054	70551-0089	
21	70551-0020	70551-0055	70551-0090	
22	70551-0021	70551-0056	70551-0091	
23	70551-0022	70551-0057	70551-0092	
24	70551-0023	70551-0058	70551-0093	
25	70551-0024	70551-0059	70551-0094	

2.54mm (.100") Pitch

SL™

Wire-to-Board
Shrouded Header

70555

Single Row, .120" Pocket
Right Angle, Low Profile
Tri-Peg**Features and Benefits**

- Sizes 2 to 25 circuits
- PCB locks hold header in place until permanently soldered
- Locking crown secures positive latch to header
- Polarization slots guide front ribs of mating connector to prevent pin damage
- Standoffs minimize flux retention

Reference Information

Product Specification: PS-70541
 Packaging: Tube
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: 70066G, 70066N, 70400G and 70430G
 Designed In: Inches

Electrical

Voltage: 250V
 Current: 3.0A
 Contact Resistance: 15 milliohms max.
 Dielectric Withstanding Voltage: 1500V
 Insulation Resistance: 10,000 Megohms min.

Mechanical

Insertion Force to PCB: 44.50N (10 lb)
 Durability: Tin—25 cycles; Gold—50 cycles

Physical

Housing: Black polyester, UL 94V-0
 Contact: Copper Alloy
 Plating: See Table
 Operating Temperature: -40 to +105°C

Not For Use With C-Grid III™ Components

Circuits	Order No.			Lead-free
	150 μ m Tin	15 μ m Gold	30 μ m Gold	
2	70555-0001	70555-0036	70555-0071	Yes
3	70555-0002	70555-0037	70555-0072	
4	70555-0003	70555-0038	70555-0073	
5	70555-0004	70555-0039	70555-0074	
6	70555-0005	70555-0040	70555-0075	
7	70555-0006	70555-0041	70555-0076	
8	70555-0007	70555-0042	70555-0077	
9	70555-0008	70555-0043	70555-0078	
10	70555-0009	70555-0044	70555-0079	
11	70555-0010	70555-0045	70555-0080	
12	70555-0011	70555-0046	70555-0081	
13	70555-0012	70555-0047	70555-0082	

Circuits	Order No.			Lead-free
	150 μ m Tin	15 μ m Gold	30 μ m Gold	
14	70555-0013	70555-0048	70555-0083	Yes
15	70555-0014	70555-0049	70555-0084	
16	70555-0015	70555-0050	70555-0085	
17	70555-0016	70555-0051	70555-0086	
18	70555-0017	70555-0052	70555-0087	
19	70555-0018	70555-0053	70555-0088	
20	70555-0019	70555-0054	70555-0089	
21	70555-0020	70555-0055	70555-0090	
22	70555-0021	70555-0056	70555-0091	
23	70555-0022	70555-0057	70555-0092	
24	70555-0023	70555-0058	70555-0093	
25	70555-0024	70555-0059	70555-0094	