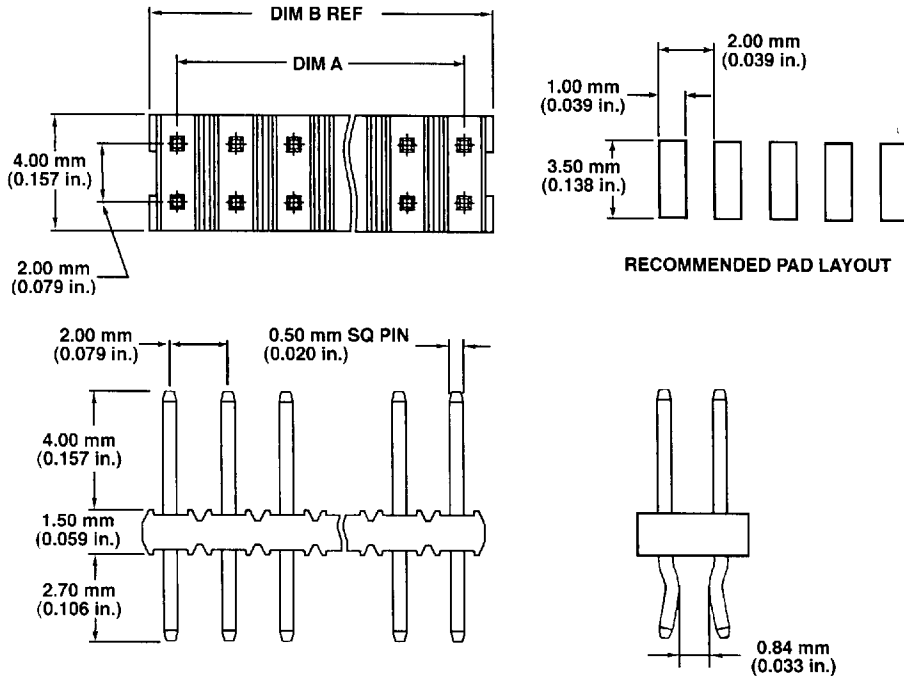


Description Straddle-Mount Header



Ordering Data Straddle-Mount Header Part Number 91733

Dash number specifies plating (X)
and number of positions (YY).

91733 - XYY

		Dash Number			
		X: Plating			
		1 = 0.76 µm (30 µin.) gold		5 = 0.38 µm (15 µin.) GXT™	
No. of Positions	Dash Number	Dimension A		Dimension B	
		mm	in.	mm	in.
		0 = 0.20 µm (8 µin.) gold			
2 x 2	X04	2.00	0.079	4.00	0.157
2 x 3	X06	4.00	0.157	6.00	0.236
2 x 4	X08	6.00	0.236	8.00	0.315
2 x 5	X10	8.00	0.315	10.00	0.394
2 x 6	X12	10.00	0.394	12.00	0.472
2 x 7	X14	12.00	0.472	14.00	0.551
2 x 8	X16	14.00	0.551	16.00	0.630
2 x 9	X18	16.00	0.630	18.00	0.709
2 x 10	X20	18.00	0.709	20.00	0.787
2 x 11	X22	20.00	0.787	22.00	0.866
2 x 12	X24	22.00	0.866	24.00	0.945
2 x 13	X26	24.00	0.945	26.00	1.024
2 x 14	X28	26.00	1.024	28.00	1.102
2 x 15	X30	28.00	1.102	30.00	1.181
2 x 16	X32	30.00	1.181	32.00	1.260
2 x 17	X34	32.00	1.260	34.00	1.339
2 x 18	X36	34.00	1.339	36.00	1.417
2 x 19	X38	36.00	1.417	38.00	1.496
2 x 20	X40	38.00	1.496	40.00	1.575
2 x 21	X42	40.00	1.575	42.00	1.654
2 x 22	X44	42.00	1.654	44.00	1.732
2 x 23	X46	44.00	1.732	46.00	1.811
2 x 24	X48	46.00	1.811	48.00	1.890
2 x 25	X50	48.00	1.890	50.00	1.969

Pin length and polarization may be customized to suit individual applications.

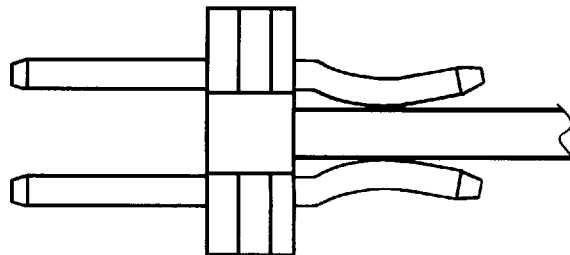
Ordering data shown is for our standard product offering. For non-standard or custom products, contact your authorized Berg Electronics representative.



Straddle-Mount Headers

2.00 x 2.00 mm (0.079 x 0.079 in.)
Centerlines

Minitek™ Straddle-Mount Headers



Features

- 2 x 2 through 2 x 25 positions.
- 0.50 mm (0.020 in.) square drawn wire pin provides four smooth mating surfaces.
- High-temperature plastic for hand, wave, or reflow soldering
- Attaches to 0.80 mm (0.032 in.) thick printed circuit board
- Straddle-mount connector reduces Z-height of circuit board package.
- Formed solder tails hold header firmly in place during soldering process.

Options

- Polarization by omitting pins.
- Different mating pin or solder tail lengths.
- Straddle-mount for different board thicknesses.


Mating Data


- Designed for attachment to 0.80 mm (0.032 in.) thick printed circuit board.

Berg Electronics Products Page

- Minitek™ board-mounted receptacles 9-26 to 9-37
- Minitek™ shunt 9-24
- Minitek™ crimp-to-wire receptacle and housing assembly 9-43 to 9-46
- Minitek™ 2.00 mm (0.079 in.) IDC receptacles 9-48

Approvals and Certifications

 File no. E66906

 File no. LR46923

Specifications

- JIS-5020
- MIL-STD-202

Technical Data

Materials

- High-temperature housing Glass-filled PCT (UL 94 V-0)
 - ▶ Color Cream
 - ▶ Applicable soldering processes Wave, IR, vapor-phase
- Pin Phosphor-bronze

Operating Environment

- Temperature range PCT: -55°C to +125°C

Plating

- Underplate 1.27 µm (50 µin.) min nickel
- Finish
 - ▶ Pin 0.20 µm (8 µin.) min gold or 0.76 µm (30 µin.) min gold or 0.38 µm (15 µin.) min GXT™

Electrical Performance

- Insulation resistance 1000 MΩ min
- Withstanding voltage 650 V rms
- Current rating 2 amp continuous
- Contact resistance 25 mΩ max
- Voltage rating 200 V ac/dc

Mechanical Performance

- Durability (mating cycles) 100

Packaging

- Bags

Customer Support Materials

Description	Order No.	Description	Order No.
Customer Product Drawings	By Part No.	Product Bulletin	950522-001
Product Samples	By Part No.	Product Specifications	DPS-12-011

9005411 0002352 150