

# Quickie IDC System

## 4-Wall Header "Sea Horse" Straight

### Features

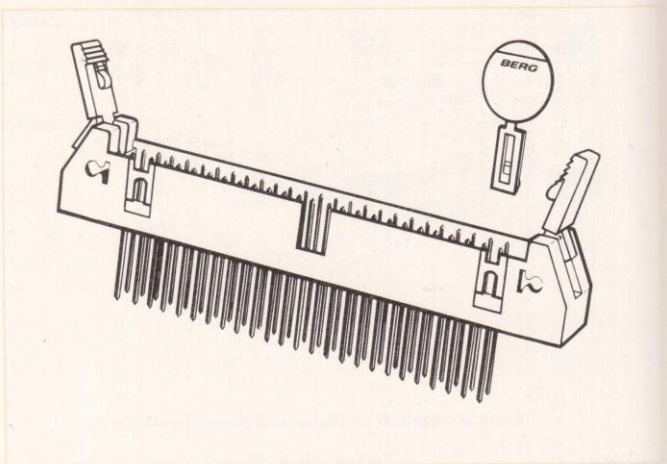
Fully compatible with Quickie Female Connector line with strain relief.

4-Walled shielding protects pins in unmated condition and prevents misalignment.

Automatic locking and quick eject of latching.

Dual polarization by use of two polarization keys and the Quickie Female II.

Pins available in different styles.



Quickie is a trade mark of Berg Electronics, Division of E.I. du Pont de Nemours & Co. Inc.

### Technical data

<b>Grid</b>	2,54 × 2,54 mm (0.100 × 0.100 inch)
<b>Polarization</b>	By cutting off a pin and adding a polarization plug to the mating female connector. By using Quickie Female with moulded, single polarizing ridge. By inserting two polarization keys into header and use of the dual polarized Quickie Female II
<b>Body</b>	<b>Material</b> Glass-filled thermoplastic polyester (UL 94 V-0). Colour blue
	<b>Insulation resistance</b> $1 \times 10^5$ M $\Omega$ min.
	<b>Temperature range</b> -65° C to +125° C
	<b>Withstanding voltage</b> > 500 V rms (sea level)
<b>Pin</b>	<b>Material</b> Phosphor bronze
	<b>Finish</b> Contact area: (see "Ordering data")
	<b>Current rating</b> 5 A
<b>Packaging</b>	Min. quantity: 100 headers Order in multiples of this quantity



# Description

**Header with standard latches closed position**

**Dimensions**  $\frac{\text{mm}}{\text{inches}}$

**Polarization**

style A  
2 x 5

style B  
2 x 5

style C  
2 x 7

style D  
2 x 8 thru 2 x 30

No. of pos.	X	Y	Z
2 x 5	18,29	27,94	33,78
	0,720	1,100	1,330
2 x 7	23,37	33,02	38,86
	0,920	1,300	1,530
2 x 8	25,91	35,56	41,40
	1,020	1,400	1,630
2 x 10	30,99	40,64	46,48
	1,220	1,600	1,830
2 x 13	38,61	48,26	54,10
	1,520	1,900	2,130
2 x 17	48,77	58,42	64,26
	1,920	2,300	2,530
2 x 20	56,39	66,04	71,88
	2,220	2,600	2,830
2 x 25	69,09	78,74	84,58
	2,720	3,100	3,330
2 x 30	81,79	91,44	97,28
	3,220	3,600	3,830

**P.C. Board specification**

Thickness 1,58 or 3,18  
0,062 or 0,125

round pin  
square pin

recommended hole pattern

# Ordering data

Number of positions	Part numbers with latches					
	Finish - 0,75 $\mu\text{m}$ (30 $\mu\text{m}$ inch) gold			Finish - 0,40 $\mu\text{m}$ (16 $\mu\text{m}$ inch) gold		
	Pin lengths			Pin lengths		
	Round 2,67 mm (0.105 inch)	Round 3,81 mm (0.150 inch)	Square 17,15 mm (0.675 inch)	Round 2,67 mm (0.105 inch)	Round 3,81 mm (0.150 inch)	Square 17,15 mm (0.675 inch)
2 x 5-style A	65863-049	65863-051	65863-053	65863-319	65863-328	65863-156
2 x 5-style B	-359	-371	-383	-360	-372	-384
2 x 7	-055	-057	-059	-320	-329	-157
2 x 8	-061	-063	-065	-321	-330	-158
2 x 10	65863-067	65863-069	65863-071	65863-322	65863-331	65863-159
2 x 13	-073	-075	-077	-323	-332	-160
2 x 17	-079	-081	-083	-324	-333	-161
2 x 20	65863-085	65863-087	65863-089	65863-325	65863-334	65863-162
2 x 25	-091	-093	-095	-326	-335	-163
2 x 30	-103	-105	-107	-327	-336	-164
Number of positions	Part numbers without latches					
	Finish - 0,75 $\mu\text{m}$ (30 $\mu\text{m}$ inch) gold			Finish - 0,40 $\mu\text{m}$ (16 $\mu\text{m}$ inch) gold		
	Pin lengths			Pin lengths		
	Round 2,67 mm (0.105 inch)	Round 3,81 mm (0.150 inch)	Square 17,15 mm (0.675 inch)	Round 2,67 mm (0.105 inch)	Round 3,81 mm (0.150 inch)	Square 17,15 mm (0.675 inch)
2 x 5-style A	65863-001	65863-003	65863-005	65863-301	65863-310	65863-147
2 x 5-style B	-355	-367	-379	-356	-368	-380
2 x 7	-007	-009	-011	-302	-311	-148
2 x 8	-013	-015	-017	-303	-312	-149
2 x 10	65863-019	65863-021	65863-023	65863-304	65863-313	65863-150
2 x 13	-025	-027	-029	-305	-314	-151
2 x 17	-031	-033	-035	-306	-315	-152
2 x 20	65863-037	65863-039	65863-041	65863-307	65863-316	65863-153
2 x 25	-043	-045	-047	-308	-317	-154
2 x 30	-097	-099	-101	-309	-318	-155

- Part numbers**
- Loose latches 65824-001
  - Standard blue polarization key 66423-002
  - Optional gray polarization key 66423-001

- Notes**
- Pin diameter 0,64 mm (0,025 inch)
  - Other types of plating available on request.
  - Approvals: Canadian Standards Association (CSA) and
  - For mating Female Quickie connectors see applicable data sheets: "Female II", "DIN Quickie Female" and "Euro Quickie Female".

