



**SPECIFICATIONS**

Current rating: 2 amps  
 Contact material: Copper alloy  
 Contact resistance: 20 milliohms max.  
 Insulator material: LCP, UL94V-0, black  
 Insulation resistance: 1,000 megohms min.  
 Withstanding: 500VAC for 1 min.  
 Operating temperature: -55°C to +105°C

Dimensions					
Pins/row	A	B	Pins/row	A	B
02	2.00	4.30	22	42.00	44.30
03	4.00	6.30	23	44.00	46.30
04	6.00	8.30	24	46.00	48.30
05	8.00	10.30	25	48.00	50.30
06	10.00	12.30	26	50.00	52.30
07	12.00	14.30	27	52.00	54.30
08	14.00	16.30	28	54.00	56.30
09	16.00	18.30	29	56.00	58.30
10	18.00	20.30	30	58.00	60.30
11	20.00	22.30	31	60.00	62.30
12	22.00	24.30	32	62.00	64.30
13	24.00	26.30	33	64.00	66.30
14	26.00	28.30	34	66.00	68.30
15	28.00	30.30	35	68.00	70.30
16	30.00	32.30	36	70.00	72.30
17	32.00	34.30	37	72.00	74.30
18	34.00	36.30	38	74.00	76.30
19	36.00	38.30	39	76.00	78.30
20	38.00	40.30	40	78.00	80.30
21	40.00	42.30			

Recommended PC Board Layout  
 (Tolerance: 0.05mm)

Series	No. of Rows	Profile	Contacts	Tail	Plating
BRS	XX	HPC	XX	X	XX
Female header, 2mm pitch		02=2 rows	6.35 base	4-80	A=Standard (2.3) TN=Tin SG=Selective gold GD=Gold GD10=10µ" gold

RoHS compliant

Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	08/10/99
				Checked	Lizzy	08/10/99
				Drawn	Tina	08/10/99
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
				UNIT: mm		

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Part No.: **BRS-02-HPC-XX-A-XX**  
 Description: Header, female, 2.00mm pitch, dual rows, DIP type, base 6.35mm