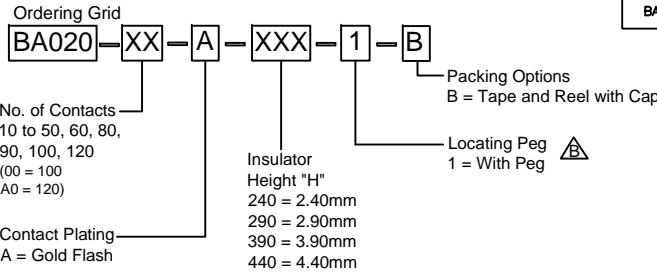


CONTACTS	DIMENSIONS				
	A	B	C	D	E
10	5.20	2.00	2.92	3.90	3.00
12	5.70	2.50	3.42	4.40	3.50
14	6.20	3.00	3.92	4.90	4.00
16	6.70	3.50	4.42	5.40	4.50
18	7.20	4.00	4.92	5.90	5.00
20	7.70	4.50	5.42	6.40	5.50
22	8.20	5.00	5.92	6.90	6.00
24	8.70	5.50	6.42	7.40	6.50
26	9.20	6.00	6.92	7.90	7.00
28	9.70	6.50	7.42	8.40	7.50
30	10.20	7.00	7.92	8.90	8.00
32	10.70	7.50	8.42	9.40	8.50
34	11.20	8.00	8.92	9.90	9.00
36	11.70	8.50	9.42	10.40	9.50
38	12.20	9.00	9.92	10.90	10.00
40	12.70	9.50	10.42	11.40	10.50
42	13.20	10.00	10.92	11.90	11.00
44	13.70	10.50	11.42	12.40	11.50
46	14.20	11.00	11.92	12.90	12.00
48	14.70	11.50	12.42	13.40	12.50
50	15.20	12.00	12.92	13.90	13.00
60	17.70	14.50	15.42	16.40	15.50
80	22.70	19.50	20.42	21.40	20.50
90	25.20	22.00	22.92	23.90	23.00
100	27.70	24.50	25.42	26.40	25.50
120	32.70	29.50	30.42	31.40	30.50

All Parts are Tooled

PART NO. (INSULATOR HEIGHT 'H')	AVAILABLE PIN NUMBERS
BA020-XX-A-240-1-B ('H' = 2.40mm)	10, 12, 20, 24, 30, 32, 40, 50, 90, 100, 120
BA020-XX-A-290-1-B ('H' = 2.90mm)	10, 12, 20, 24, 30, 32, 40, 50, 60, 80, 90, 100, 120
BA020-XX-A-390-1-B ('H' = 3.90mm)	20, 24, 30, 38, 40, 50, 60, 80, 100, 120
BA020-XX-A-440-1-B ('H' = 4.40mm)	10, 12, 20, 24, 30, 32, 40, 50, 60, 80, 100, 120



SPECIFICATIONS 规格:

CURRENT RATING 电流额定值: 0.5 AMP AC/DC  
 VOLTAGE RATING 电压额定值: 50V AC/DC  
 INSULATOR RESISTANCE 绝缘电阻值: 1000 MΩ MIN. (100V DC)  
 DIELECTRIC WITHSTANDING 耐电压: AC 100 V (1 MIN.)  
 CONTACT RESISTANCE 接触电阻值: 30mΩ Max.  
 OPERATING TEMPERATURE 工作温度: -20°C TO +105°C  
 CONTACT MATERIAL 端子物料: PHOSPHOR BRONZE  
 PLATING 电镀: GOLD FLASH OVER 30 - 50u" NICKEL 底层30 - 50u"镍, 其上镀金箔  
 INSULATOR MATERIAL 绝缘体物料: POLYAMIDE 聚酰胺, NYLON 46, UL 94-V0 HI-TEMP PLASTIC, WHITE  
 SOLDERING PROCESS 可焊性: 260°C FOR 5 - 10 SECONDS  
 DURABILITY 耐久力: 500 MATING CYCLES MIN. 插拔最少500次

MATES WITH 配套之母座: BA025

By	PN	ASE	SA
DETAIL	DRAWING RELEASE	PEG OPTION REMOVED	TOOLED CONTACTS UPDATED
REV	A	B	C
DATE	30/04/08	12/01/10	11/08/10

REQUEST SAMPLES AND QUOTATION

Mating Height	Mating Plug (Plug Height 'H')	Mating Socket (Socket Height 'H')
3.00mm	BA020-XX-A-240-1-B ('H' = 2.40mm)	BA025-XX-A-220-1-B ('H' = 2.20mm)
3.50mm	BA020-XX-A-290-1-B ('H' = 2.90mm)	BA025-XX-A-220-1-B ('H' = 2.20mm)
4.00mm	BA020-XX-A-290-1-B ('H' = 2.90mm)	BA025-XX-A-270-1-B ('H' = 2.70mm)
4.50mm	BA020-XX-A-290-1-B ('H' = 2.90mm)	BA025-XX-A-320-1-B ('H' = 3.20mm)
5.00mm	BA020-XX-A-390-1-B ('H' = 3.90mm)	BA025-XX-A-300-1-B ('H' = 3.00mm)
5.50mm	BA020-XX-A-440-1-B ('H' = 4.40mm)	BA025-XX-A-300-1-B ('H' = 3.00mm)
6.00mm	BA020-XX-A-440-1-B ('H' = 4.40mm)	BA025-XX-A-350-1-B ('H' = 3.50mm)

Tolerances (Except as noted)

Dimensions in mm

X ± 0.30	X °±5°
X.X ± 0.20	X °±2°
X.XX ± 0.15	.XX°±1°
X.XXX ± 0.10	.XXX°±0.5°

Third Angle Projection

Part Number:- BA020

Date:- 30 APR 08

Description:- 0.5mm PITCH BOARD TO BOARD PLUG, DUAL ROW, SURFACE MOUNT, VERTICAL

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Scale	Revision	Material	Drawn by	Sheet No.
NTS	C	See Note	PN	E & OE 1/1