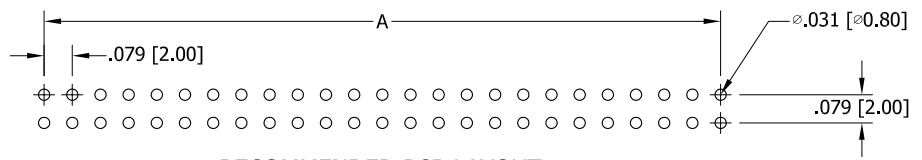
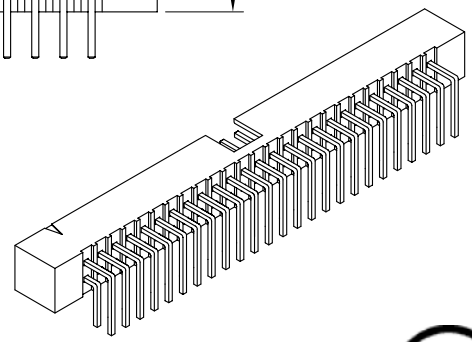
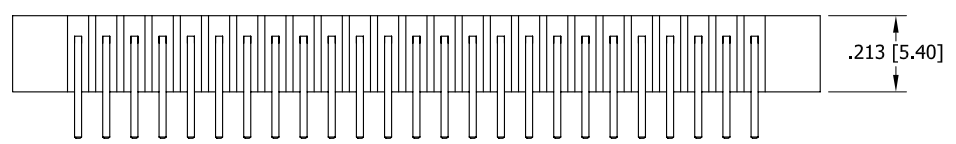
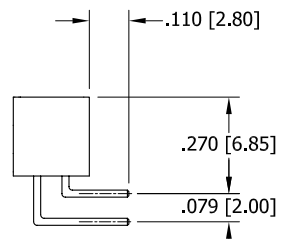
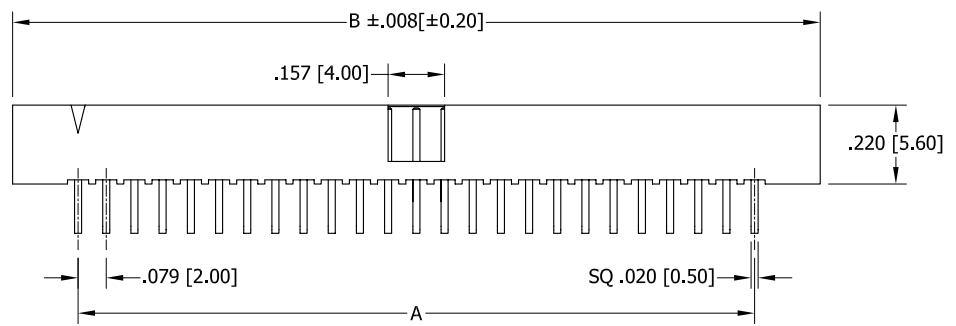
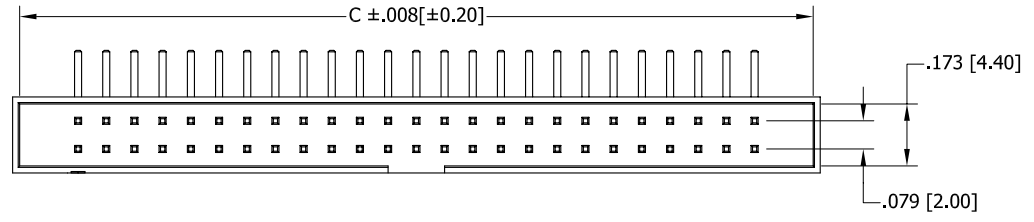


REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1682	INITIAL RELEASE	5/15/2008	VJ
B	1852	UPDATE NOTE 3 & TOLERANCE BLOCK	11/13/2008	JH



RECOMMENDED PCB LAYOUT



## PART NUMBER CODING

SBH21 - NBPN - D \_\_\_ - RA - \_\_\_

**NUMBER OF POSITIONS**  
(CONTACTS PER ROW)

**TERMINATION**  
RIGHT ANGLE

**COLOR**

- BK = BLACK
- YE = YELLOW
- RE = RED
- BL = BLUE
- GR = GREEN
- GY = GREY
- WH = WHITE
- OR = ORANGE

PART NUMBER	POSITIONS/ CONTACTS	A		B		C	
		INCH	MM	INCH	MM	INCH	MM
SBH21-NBPN-D03-RA-___	3/6	0.157	4.00	0.524	13.30	0.484	12.30
SBH21-NBPN-D04-RA-___	4/8	0.236	6.00	0.602	15.30	0.563	14.30
SBH21-NBPN-D05-RA-___	5/10	0.315	8.00	0.681	17.30	0.642	16.30
SBH21-NBPN-D06-RA-___	6/12	0.394	10.00	0.760	19.30	0.720	18.30
SBH21-NBPN-D07-RA-___	7/14	0.472	12.00	0.839	21.30	0.799	20.30
SBH21-NBPN-D08-RA-___	8/16	0.551	14.00	0.917	23.30	0.878	22.30
SBH21-NBPN-D09-RA-___	9/18	0.630	16.00	0.996	25.30	0.957	24.30
SBH21-NBPN-D10-RA-___	10/20	0.709	18.00	1.075	27.30	1.035	26.30
SBH21-NBPN-D11-RA-___	11/22	0.787	20.00	1.154	29.30	1.114	28.30
SBH21-NBPN-D12-RA-___	12/24	0.866	22.00	1.232	31.30	1.193	30.30
SBH21-NBPN-D13-RA-___	13/26	0.945	24.00	1.311	33.30	1.272	32.30
SBH21-NBPN-D14-RA-___	14/28	1.024	26.00	1.390	35.30	1.350	34.30
SBH21-NBPN-D15-RA-___	15/30	1.102	28.00	1.469	37.30	1.429	36.30
SBH21-NBPN-D16-RA-___	16/32	1.181	30.00	1.547	39.30	1.508	38.30
SBH21-NBPN-D17-RA-___	17/34	1.260	32.00	1.626	41.30	1.587	40.30
SBH21-NBPN-D18-RA-___	18/36	1.339	34.00	1.705	43.30	1.666	42.30
SBH21-NBPN-D19-RA-___	19/38	1.417	36.00	1.783	45.30	1.744	44.30
SBH21-NBPN-D20-RA-___	20/40	1.496	38.00	1.862	47.30	1.823	46.30
SBH21-NBPN-D22-RA-___	22/44	1.654	42.00	2.020	51.30	1.902	48.30
SBH21-NBPN-D25-RA-___	25/50	1.890	48.00	2.256	57.30	1.980	50.30
SBH21-NBPN-D27-RA-___	27/54	2.047	52.00	2.413	61.30	2.059	52.30
SBH21-NBPN-D28-RA-___	28/56	2.126	54.00	2.492	63.30	2.138	54.30
SBH21-NBPN-D30-RA-___	30/60	2.283	58.00	2.650	67.30	2.217	56.30
SBH21-NBPN-D31-RA-___	31/62	2.362	60.00	2.728	69.30	2.295	58.30
SBH21-NBPN-D32-RA-___	32/64	2.441	62.00	2.807	71.30	2.374	60.30
SBH21-NBPN-D34-RA-___	34/68	2.598	66.00	2.965	75.30	2.453	62.30

**NOTES:**

1. INSULATOR MATERIAL: NYLON 6T.
2. CONTACT MATERIAL: BRASS.
3. PLATING: GOLD FLASH OVERALL.
4. OPERATING TEMPERATURE: -40°C ~ 85°C.
5. PROCESSING TEMP: 230°C FOR 60 SECONDS MAX.  
(260°C, 10 SEC.)
6. UL FLAMMABILITY RATING: 94V-0.
7. VOLTAGE RATING: 20m OHMS MAX.
8. CURRENT RATING: 2 AMP PER CONTACT.
9. VOLTAGE DROP: AC 500 V.
10. INSULATION RESISTANCE: 1000 MEGA OHMS.



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES[MM]  
TOLERANCES:  
ANGULAR: ± 1°  
.XX = ±.012 [0.30]  
.XXX = ±.008 [0.20]  
.XXXX = ±.004 [0.10]  
PARENTHEetical INFORMATION IS FOR REFERENCE ONLY  
INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5-1984

DRAWN	V. JARA	DATE	5/15/2008	NAME	
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DESCRIPTION BOX HEADER, .079[2.00] CC/RS, RA					
PART NUMBER SBH21-NBPN-D___-RA-___					
SIZE	DWG. NO.		REV		
C	11096		B		
SCALE: NONE					
SHEET 1 OF 1					