

CUST. MODEL:	REF.
CUST. P/N	DWG FILE:

DESCRIPTION CONTROL			
REV.	DESC.	DATE	APP.

### SPFCIFICATIONS

Current Rating:  
1.0 Amp

Insulator Resistance:  
1000 Megohms min.

Contact Resistance:  
25 m ohms max.

Dielectric withstanding:  
AC 500V/minute

Operating Temperature:  
-40°C to +105°C

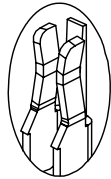
Contact Material:  
Phosphor Bronze

Insulator Material:  
High Temperature Thermoplastic  
+Glass Fibre UL94V-0

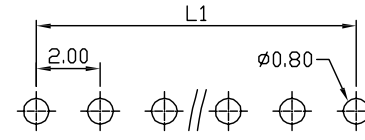
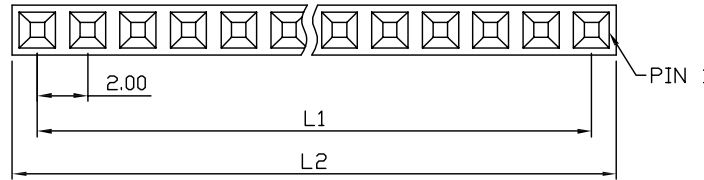
Color: Black

Finish:  
Gold, Tin or Duplex plated  
Standard: Gold flash all over  
Duplex plating:  
Gold plated on contact area  
Tin on solder area

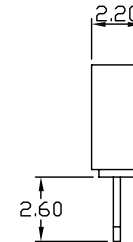
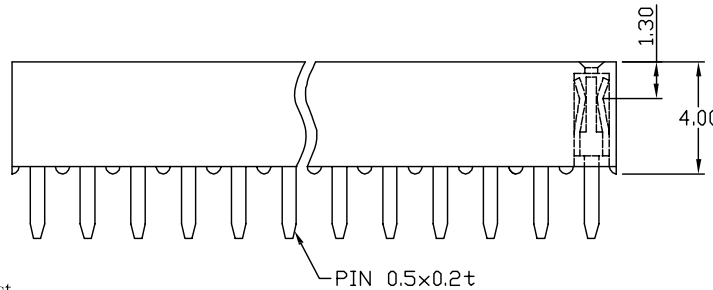
**RoHS Compliance**



Three Side Contact Terminal



Recommended P.C.B Layout



Cir-cuits	Dimension (mm)	
	L1	L2
3	4.00	6.50
4	6.00	8.50
5	8.00	10.50
6	10.00	12.50
7	12.00	14.50
8	14.00	16.50
9	16.00	18.50
10	18.00	20.50
11	20.00	22.50
12	22.00	24.50
13	24.00	26.50
14	26.00	28.50
15	28.00	30.50
16	30.00	32.50
17	32.00	34.50
18	34.00	36.50
19	36.00	38.50
20	38.00	40.50
21	40.00	42.50
22	42.00	44.50
23	44.00	46.50
24	46.00	48.50
25	48.00	50.50
26	50.00	52.50
27	52.00	54.50
28	54.00	56.50
29	56.00	58.50
30	58.00	60.50
31	60.00	62.50
32	62.00	64.50
33	64.00	66.50
34	66.00	68.50
35	68.00	70.50
36	70.00	72.50
37	72.00	74.50
38	74.00	76.50
39	76.00	78.50
40	78.00	80.50

FH N B-20 V X 1 XX-01G-40 0

N: Nylon  
Color  
Pitch 2.0  
Straight Type  
Terminal Type  
Row of Pin  
Number of Contact

0: Without Post  
Plastic High 40:4.0  
G: Gold Plated  
T: Tin Plated  
H: Duplex Plated  
Contact Plating  
01 Normal  
03 3u"  
:

UNLESS OTHERWISE SPECIFIED SURFACE FINISH ALL OVER TOLERANCES mm  METRIC  .X = ±0.38 .XX = ±0.25	DRAW: CHUBBY	DATE: 01/10/07
	CHECK: KEVIN	APPROVE: TONY

TITLE:	2.0 Female Header Straight Type Plastic High 4.0
MODEL CODE:	FHNB-20VT1XX-01G-400
<p><b>誠州電子有限公司</b> Sincere State Electronics Co.,Ltd.</p>	

NO	DESCRIPTION	QTY
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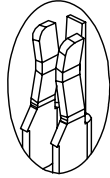
CUST. MODEL:	REF.
CUST. P/N	DWG FILE:

DESCRIPTION CONTROL			
REV.	DESC.	DATE	APP.

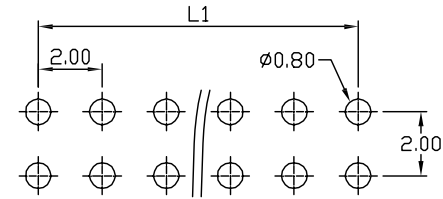
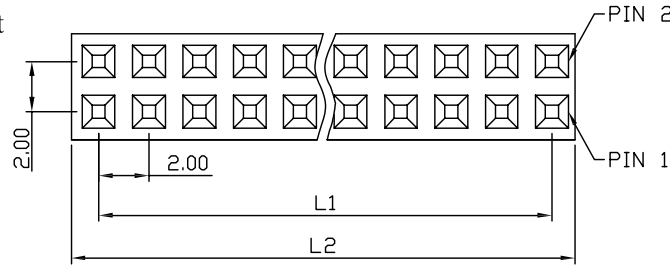
### SPFCIFICATIONS

- Current Rating: 1.0 Amp
- Insulator Resistance: 1000 Megohms min.
- Contact Resistance: 25 m ohms max.
- Dielectric withstanding: AC 500V/minute
- Operating Temperature: -40°C to +105°C
- Contact Material: Phosphor Bronze
- Insulator Material: High Temperature Thermoplastic +Glass Fibre UL94V-0
- Color: Black
- Finish: Gold, Tin or Duplex plated
- Standard: Gold flash all over
- Duplex plating: Gold plated on contact area
- Tin on solder area

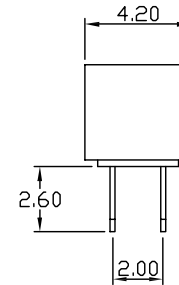
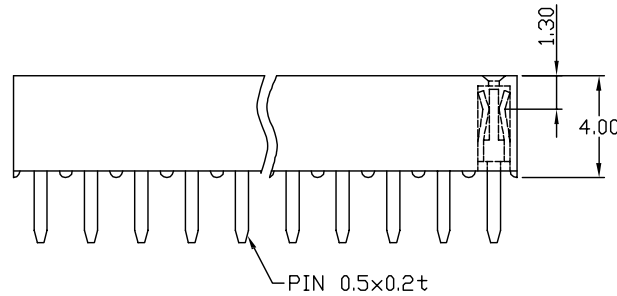
**RoHS Compliance**



Three Side Contact Terminal



Recommended P.C.B Layout



Cir-cuits	Dimension (mm)	
	L1	L2
2x2	2.00	4.00
2x3	4.00	6.00
2x4	6.00	8.00
2x5	8.00	10.00
2x6	10.00	12.00
2x7	12.00	14.00
2x8	14.00	16.00
2x9	16.00	18.00
2x10	18.00	20.00
2x11	20.00	22.00
2x12	22.00	24.00
2x13	24.00	26.00
2x14	26.00	28.00
2x15	28.00	30.00
2x16	30.00	32.00
2x17	32.00	34.00
2x18	34.00	36.00
2x19	36.00	38.00
2x20	38.00	40.00
2x21	40.00	42.00
2x22	42.00	44.00
2x23	44.00	46.00
2x24	46.00	48.00
2x25	48.00	50.00
2x26	50.00	52.00
2x27	52.00	54.00
2x28	54.00	56.00
2x29	56.00	58.00
2x30	58.00	60.00
2x31	60.00	62.00
2x32	62.00	64.00
2x33	64.00	66.00
2x34	66.00	68.00
2x35	68.00	70.00
2x36	70.00	72.00
2x37	72.00	74.00
2x38	74.00	76.00
2x39	76.00	78.00
2x40	78.00	80.00

FH N B-20 V X 2 XX-01G-40 0

- N: Nylon Color
- B: Pitch 2.0
- V: Straight Type
- X: Terminal Type
- 2: Row of Pin
- XX: Number of Contact
- 01: Contact Plating 01 Normal
- 03: Contact Plating 03 3u"
- 0: Without Post
- G: Gold Plated
- T: Tin Plated
- H: Duplex Plated
- 40: Plastic High 40:4.0

UNLESS OTHERWISE SPECIFIED SURFACE FINISH ALL OVER TOLERANCES mm  METRIC  .X = ±0.38 .XX = ±0.25	DRAW: CHUBBY	DATE: 01/10/07	TITLE: 2.0 Female Header Straight Type Plastic High 4.0
	CHECK: KEVIN	APPROVE: TONY	MODEL CODE: FHNB-20VT2XX-01G-400
			<b>誠州電子有限公司</b> <i>Sincere State Electronics Co.,Ltd.</i>

NO	DESCRIPTION	QTY
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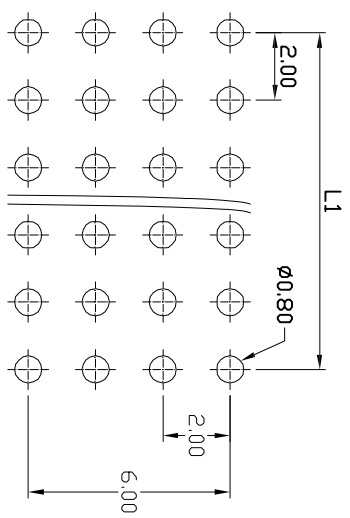
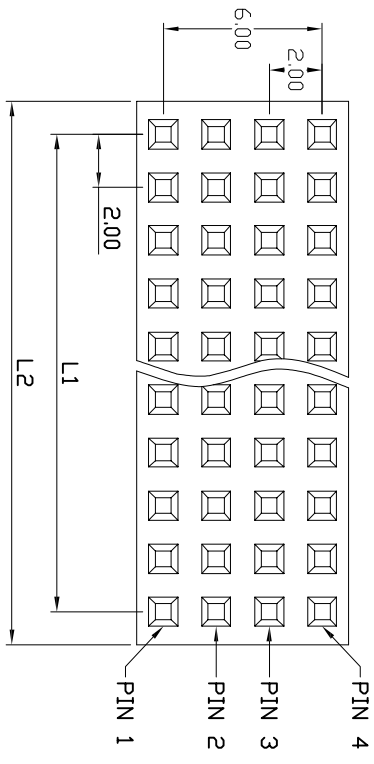
CUST. MODEL: REF.  
 CUST. P/N DWG FILE:

DESCRIPTION CONTROL REV. DATE APP.  
 DESC. DATE APP.

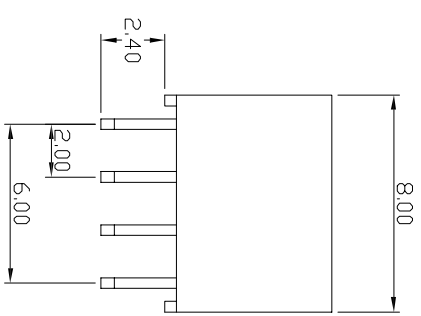
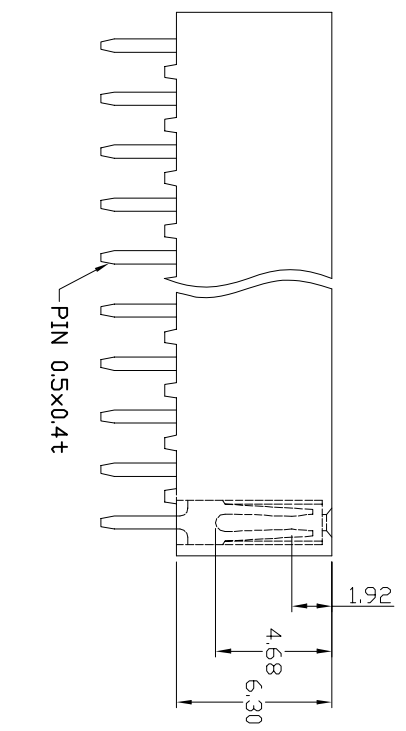
**SPECIFICATIONS**

**RoHS Compliance**

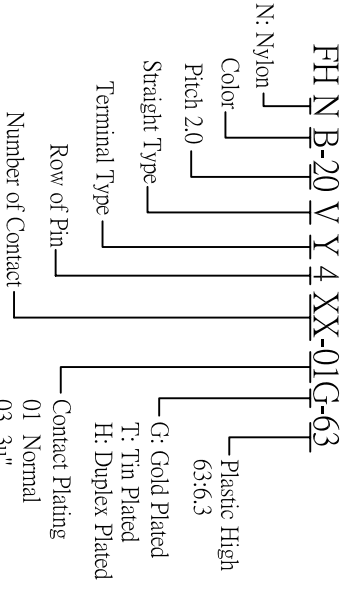
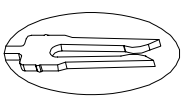
Current Rating: 1.0 Amp  
 Insulator Resistance: 1000 Megohms min.  
 Contact Resistance: 25 m ohms max.  
 Dielectric withstanding: AC 500V/minute  
 Operating Temperature: -40°C to +105°C  
 Contact Material: Phosphor Bronze  
 Insulator Material: Nylon-6T UL94V-0  
 Color: Black  
 Finish: Gold, Tin or Duplex plated  
 Standard: Gold flash all over  
 Duplex plating: Gold plated on contact area  
 Tin on solder area



Cir-cuits	Dimension (mm)	
	L1	L2
4x5	10.00	12.40
4x7	12.00	14.40
4x8	14.00	16.40
4x9	16.00	18.40
4x10	18.00	20.40
4x11	20.00	22.40
4x12	22.00	24.40
4x13	24.00	26.40
4x14	26.00	28.40
4x15	28.00	30.40
4x16	30.00	32.40
4x17	32.00	34.40
4x18	34.00	36.40
4x19	36.00	38.40
4x20	38.00	40.40
4x21	40.00	42.40
4x22	42.00	44.40
4x23	44.00	46.40
4x24	46.00	48.40
4x25	48.00	50.40
4x26	50.00	52.40
4x27	52.00	54.40
4x28	54.00	56.40
4x29	56.00	58.40
4x30	58.00	60.40



Three Two Contact Terminal



UNLESS OTHERWISE SPECIFIED SURFACE FINISH ALL OVER TOLERANCES mm

METRIC

.X = ±0.38  
 .XX = ±0.25

DRAW: Chubby

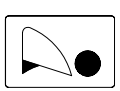
DATE: 01/10/07

CHECK: Kevin

APPROVE: Terry

TITLE: 2.0mm Female Header Straight Type Plastic High 6.3mm

MODEL CODE: FHNB-20VY4XX-01G-630



誠州電子有限公司  
 Sincere State Electronics Co., Ltd.

NO DESCRIPTION QTY

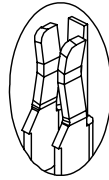
CUST. MODEL:	REF.
CUST. P/N	DWG FILE:

DESCRIPTION CONTROL			
REV.	DESC.	DATE	APP.

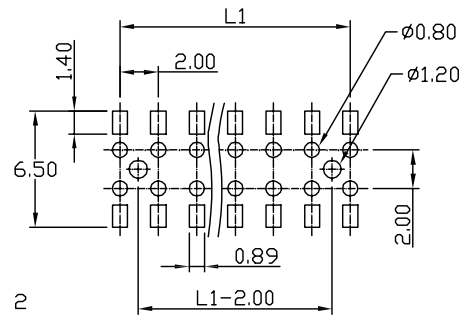
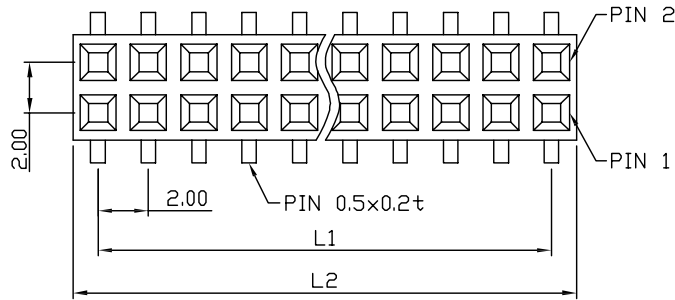
### SPFCIFICATIONS

- Current Rating: 1.0 Amp
- Insulator Resistance: 1000 Megohms min.
- Contact Resistance: 25 m ohms max.
- Dielectric withstanding: AC 500V/minute
- Operating Temperature: -40°C to +105°C
- Contact Material: Phosphor Bronze
- Insulator Material: High Temperature Thermoplastic +Glass Fibre UL94V-0
- Color: Black
- Finish: Gold, Tin or Duplex plated
- Standard: Gold flash all over
- Duplex plating: Gold plated on contact area
- Tin on solder area

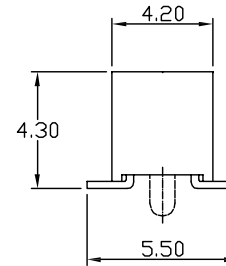
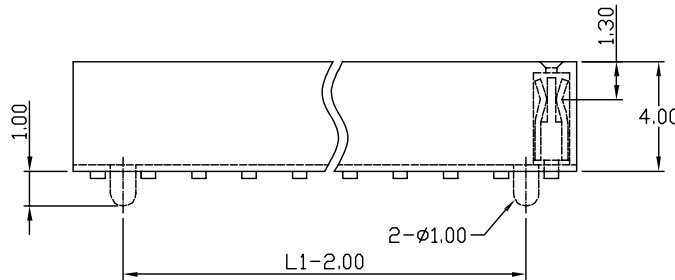
**RoHS Compliance**



Three Side Contact Terminal



Recommended P.C.B Layout



Circuits	Dimension (mm)	
	L1	L2
2x2	2.00	4.00
2x3	4.00	6.00
2x4	6.00	8.00
2x5	8.00	10.00
2x6	10.00	12.00
2x7	12.00	14.00
2x8	14.00	16.00
2x9	16.00	18.00
2x10	18.00	20.00
2x11	20.00	22.00
2x12	22.00	24.00
2x13	24.00	26.00
2x14	26.00	28.00
2x15	28.00	30.00
2x16	30.00	32.00
2x17	32.00	34.00
2x18	34.00	36.00
2x19	36.00	38.00
2x20	38.00	40.00
2x21	40.00	42.00
2x22	42.00	44.00
2x23	44.00	46.00
2x24	46.00	48.00
2x25	48.00	50.00
2x26	50.00	52.00
2x27	52.00	54.00
2x28	54.00	56.00
2x29	56.00	58.00
2x30	58.00	60.00
2x31	60.00	62.00
2x32	62.00	64.00
2x33	64.00	66.00
2x34	66.00	68.00
2x35	68.00	70.00
2x36	70.00	72.00
2x37	72.00	74.00
2x38	74.00	76.00
2x39	76.00	78.00
2x40	78.00	80.00

FH N B-20 M X 2 XX-01 G-40 0

- N: Nylon-6T
- Color
- Pitch 2.0
- SMT Type
- Terminal type
- Row of Pin
- Number of Contact
- 0: Without Post
- Plastic High 40:4.0
- G: Gold Plated
- T: Tin Plated
- H: Duplex Plated
- Contact Plating
- 01 Normal
- 03 3u"
- : :

UNLESS OTHERWISE SPECIFIED SURFACE FINISH ALL OVER TOLERANCES mm  METRIC  .X = ±0.38 .XX = ±0.25	DRAW: CHUBBY DATE: 01/10/07	TITLE: 2.0 Female Header SMT Type Plastic High 4.0
	CHECK: KEVIN APPROVE: TONY	MODEL CODE: FHNB-20MT2XX-01G-400

NO	DESCRIPTION	QTY
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CUST. MODEL:	REF.
CUST. P/N	DWG FILE:

DESCRIPTION CONTROL			
REV.	DESC.	DATE	APP.

### SPFCIFICATIONS

Current Rating:  
1.0 Amp

Insulator Resistance:  
1000 Megohms min.

Contact Resistance:  
25 m ohms max.

Dielectric withstanding:  
AC 500V/minute

Operating Temperature:  
-40°C to +105°C

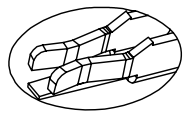
Contact Material:  
Phosphor Bronze

Insulator Material:  
High Temperature Thermoplastic  
+Glass Fibre UL94V-0

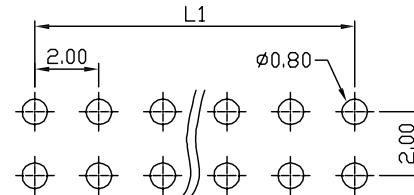
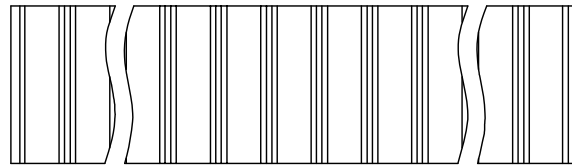
Color: Black

Finish:  
Gold, Tin or Duplex plated  
Standard: Gold flash all over  
Duplex plating:  
Gold plated on contact area  
Tin on solder area

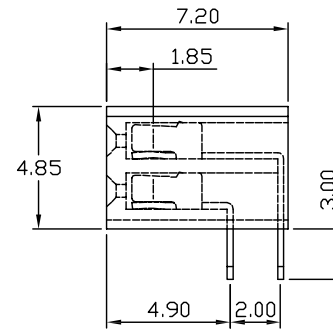
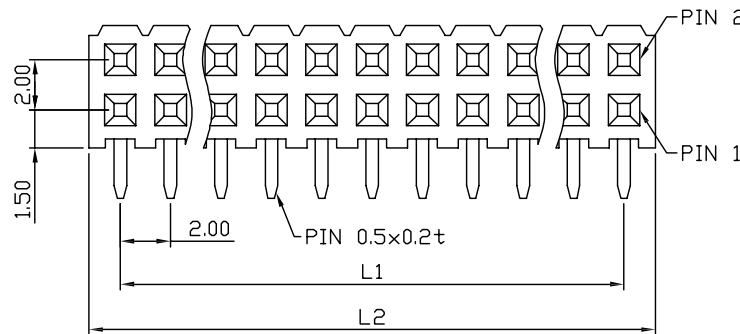
**RoHS Compliance**



Three Side Contact Terminal



Recommended P.C.B Layout



Cir-cuits	Dimension (mm)	
	L1	L2
2x2	2.00	4.50
2x3	4.00	6.50
2x4	6.00	8.50
2x5	8.00	10.50
2x6	10.00	12.50
2x7	12.00	14.50
2x8	14.00	16.50
2x9	16.00	18.50
2x10	18.00	20.50
2x11	20.00	22.50
2x12	22.00	24.50
2x13	24.00	26.50
2x14	26.00	28.50
2x15	28.00	30.50
2x16	30.00	32.50
2x17	32.00	34.50
2x18	34.00	36.50
2x19	36.00	38.50
2x20	38.00	40.50
2x21	40.00	42.50
2x22	42.00	44.50
2x23	44.00	46.50
2x24	46.00	48.50
2x25	48.00	50.50
2x26	50.00	52.50
2x27	52.00	54.50
2x28	54.00	56.50
2x29	56.00	58.50
2x30	58.00	60.50
2x31	60.00	62.50
2x32	62.00	64.50
2x33	64.00	66.50
2x34	66.00	68.50
2x35	68.00	70.50
2x36	70.00	72.50
2x37	72.00	74.50
2x38	74.00	76.50
2x39	76.00	78.50
2x40	78.00	80.50

FH N B-20 R X 2 XX-01G-48 0

N: Nylon  
Color  
Pitch 2.0  
Right Angle Type  
Terminal Type  
Row of Pin  
Number of Contact

0: Without Post  
Plastic High  
48:4.85

G: Gold Plated  
T: Tin Plated  
H: Duplex Plated

Contact Plating  
01 Normal  
03 3u"  
:

UNLESS OTHERWISE SPECIFIED SURFACE FINISH ALL OVER TOLERANCES mm  METRIC  .X = ±0.38 .XX = ±0.25	DRAW: CHUBBY	DATE: 01/10/07	TITLE: 2.0 Female Header Right Angle Type Plastic High 4.85
	CHECK: KEVIN	APPROVE: TONY	MODEL CODE: FHNB-20RT2XX-01G-480
			<p><b>誠州電子有限公司</b> Sincere State Electronics Co.,Ltd.</p>

NO	DESCRIPTION	QTY
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CUST. MODEL:	REF.
CUST. P/N	DWG FILE:

DESCRIPTION CONTROL			
REV.	DESC.	DATE	APP.

### SPFCIFICATIONS

Current Rating:  
1.0 Amp

Insulator Resistance:  
1000 Megohms min.

Contact Resistance:  
25 m ohms max.

Dielectric withstanding:  
AC 500V/minute

Operating Temperature:  
-40°C to +105°C

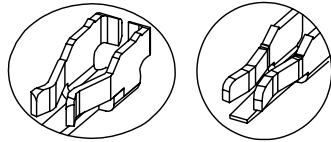
Contact Material:  
Phosphor Bronze

Insulator Material:  
High Temperature Thermoplastic  
+Glass Fibre UL94V-0

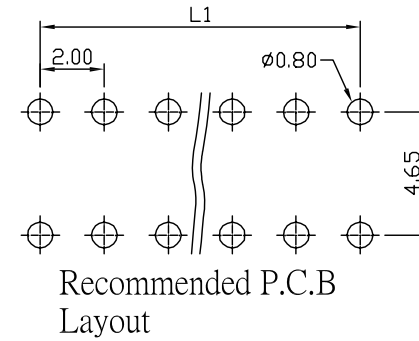
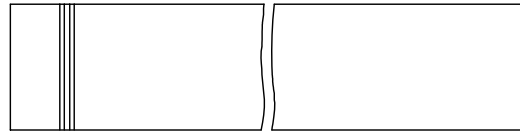
Color: Black

Finish:  
Gold, Tin or Duplex plated  
Standard: Gold flash all over  
Duplex plating:  
Gold plated on contact area  
Tin on solder area

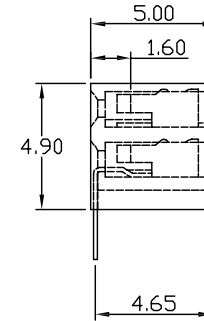
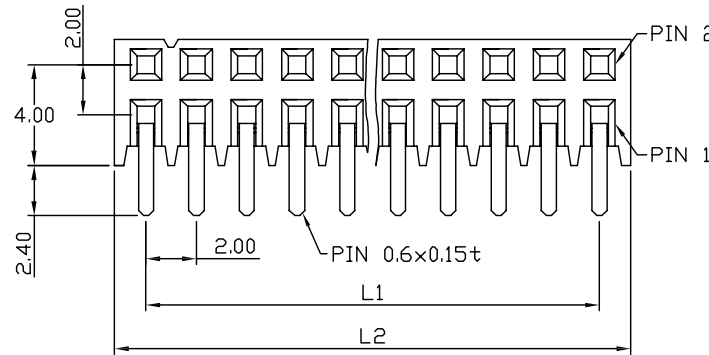
**RoHS Compliance**



Three Side Contact Terminal



Cir-cuits	Dimension (mm)	
	L1	L2
2x3	4.00	6.20
2x4	6.00	8.20
2x5	8.00	10.20
2x6	10.00	12.20
2x7	12.00	14.20
2x8	14.00	16.20
2x9	16.00	18.20
2x10	18.00	20.20
2x11	20.00	22.20
2x12	22.00	24.20
2x13	24.00	26.20
2x14	26.00	28.20
2x15	28.00	30.20
2x16	30.00	32.20
2x17	32.00	34.20
2x18	34.00	36.20
2x19	36.00	38.20
2x20	38.00	40.20
2x21	40.00	42.20
2x22	42.00	44.20
2x23	44.00	46.20
2x24	46.00	48.20
2x25	48.00	50.20



FH N B-20 U X 2 XX-01G-49 0

N: Nylon  
Color  
Pitch 2.0  
U Type  
Terminal Type  
Row of Pin  
Number of Contact

0: Without Post  
Plastic High 49:4.9  
G: Gold Plated  
T: Tin Plated  
H: Duplex Plated  
Contact Plating  
01 Normal  
03 3u"  
: :

UNLESS OTHERWISE SPECIFIED SURFACE FINISH ALL OVER TOLERANCES mm

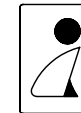
METRIC

.X = ±0.38  
.XX = ±0.25

DRAW: CHUBBY  
DATE: 01/10/07  
CHECK: KEVIN  
APPROVE: TONY

TITLE: 2.0 Female Header Side Entry Type Plastic High 4.9

MODEL CODE: FHNB-20UT2XX-01G-490



誠州電子有限公司  
Sincere State Electronics Co.,Ltd.

NO	DESCRIPTION	QTY