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RoHS COMPLIANT

REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE

Product Specification

Material

Insulator :Glass-Filled Thermoplastic  
UL94V-0 rates  
Contact :Brass

Electrical

Contact Resistance :20 milliohms  
Max at 1 AMP DC.

Insulation Resistance :5000  
megohms at 500 VDC

Dielectric Withstanding Voltage :  
500 VAC/rms 60Hz for 1 minute

Current Rating :1 AMP

Volatge Rating :250 VAC/rms 60Hz

Ordering Information

120 -  $\frac{XX}{a} \frac{X}{b} \frac{X}{c} \frac{X}{d} \frac{X}{e}$

a. No. Of Pins

b. Contact Plating

- 0: Gold flash selective gold
- 1: 5u" selective gold on contact
- 2: 10u" selective gold on contact
- 3: 15u" selective gold on contact
- 4: 30u" selective gold on contact
- 5: 50u" selective gold on contact
- 6: Gold Flash Full gold(standard)
- 7: Tin plated

c. Terminal Type

- 0: 180°THX(Nylon 6T)
- 1: 90°(Nylon 6T)
- 2: SMT(Nylon 9T)

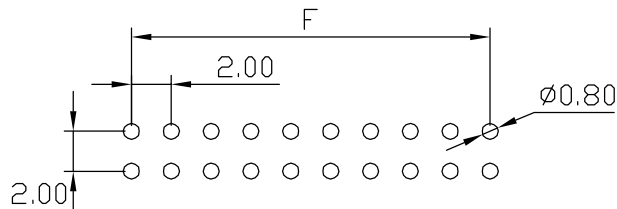
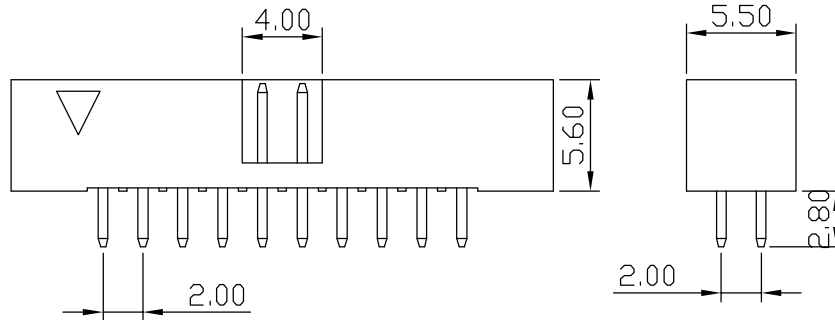
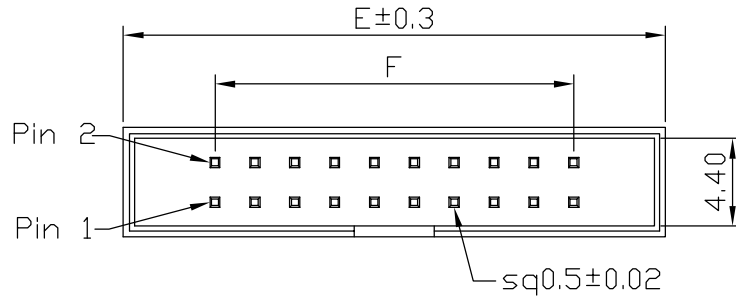
d. Insulator Color

- 0: Black(standard)
- 1: Gray

e. Type

- 0: Dip type
- 1: SMT type

POLES	DIM E	DIM F
8	15.20	6.00
10	17.20	8.00
12	19.20	10.00
14	21.20	12.00
16	23.20	14.00
20	27.20	18.00
24	31.20	22.00
26	33.20	24.00
30	37.20	28.00
32	39.20	30.00
34	41.20	32.00
40	47.20	38.00
44	51.20	42.00
50	57.20	48.00
60	67.20	58.00
64	71.20	62.00
68	75.20	66.00



BOX HEADER 2.0\*2.0mm STRAIGHT TYPE  
Recommended P.C.B Layout

DO NOT SCALE DRAWING

DIMENSIONS: <input type="checkbox"/> MM [INCH] <input type="checkbox"/> INCH [mm] <input checked="" type="checkbox"/> MM ONLY	CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	<b>Y-S ELECTRONIC CO., LTD.</b> No. 101, Sec. 1, Long-An Street, Lu-Chu, Taoyuan, Taiwan, R.O.C. TEL: +886-3-3609819 FAX: +886-3-3609817	
	UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE: DECIMALS      ANGLES X: ±0.38 [0.015]   X° ±3° .X ±0.25 [0.010]   .X° ±1.0° .XX ±0.13 [0.005]		DRAWN BY AND DATE JUSTIN XING 03-21-08
MATERIAL FINISH	CHECKED BY AND DATE JUSTIN XING 07-03-06 APPROVED BY AND DATE MICHAEL HUANG 03-21-08 THIRD ANGLE PROJECTION 	DRAWING NO. 120-XXXXXX	REV A
SCALE: 4 : 1	SIZE: A3	FILE NO.:	SHEET 1 OF 3

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Product Specification

Material

Insulator :Glass-Filled Thermoplastic  
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Contact :Brass

Electrical

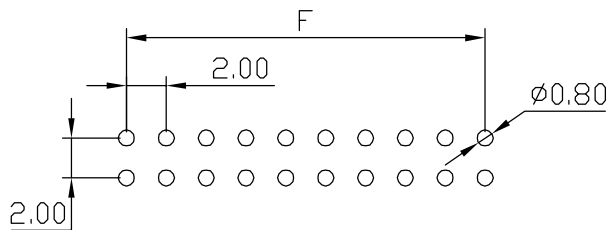
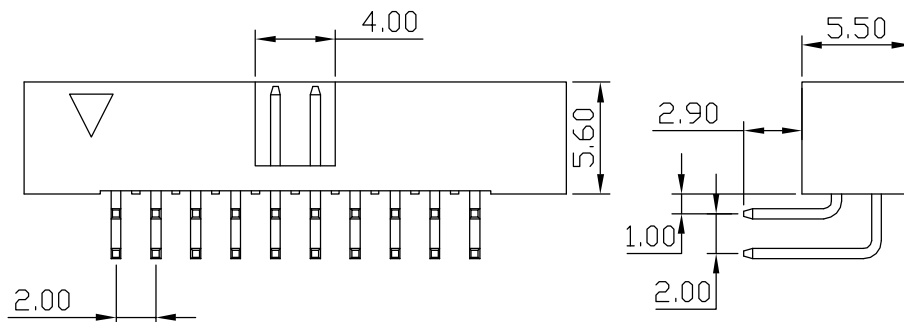
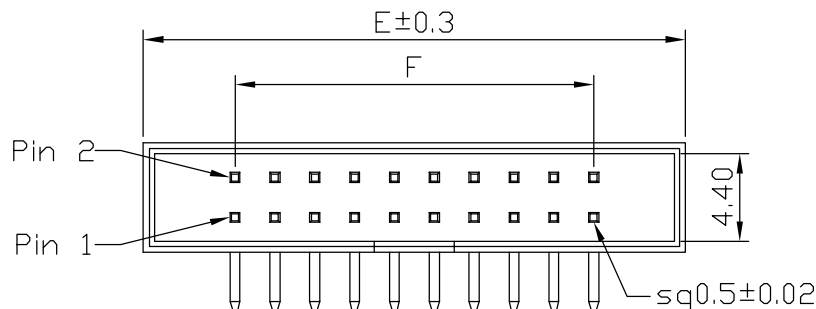
Contact Resistance :20 milliohms  
Max at 1 AMP DC.  
Insulation Resistance :5000  
magohms at 500 VDC  
Dielectric Withstanding Voltage :  
500 VAC/rms 60Hz for 1 minute  
Current Rating :1 AMP  
Volatge Rating :250 VAC/rms 60Hz

Ordering Information

120 -  $\frac{XX}{a} \frac{X}{b} \frac{X}{c} \frac{X}{d} \frac{X}{e}$

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34	41.20	32.00
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BOX HEADER 2.0\*2.0mm R/A TYPE  
Recommended P.C.B Layout

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MATERIAL	CHECKED BY AND DATE JUSTIN XING 07-03-06
FINISH	APPROVED BY AND DATE MICHAEL HUANG 03-21-08
	THIRD ANGLE PROJECTION
	SCALE: 4:1
	SIZE: A3



**Y-S ELECTRONIC CO., LTD.**  
No. 101, Sec. 1, Long-An Street,  
Lu-Chu, Taoyuan, Taiwan, R.O.C.  
TEL: +886-3-3609819 FAX: +886-3-3609817

TITLE 120 SERIES BOX HEADER 2.0MM (0.079")	
DRAWING NO. 120-XXXXXX	REV A
FILE NO.	SHEET 2 OF 3

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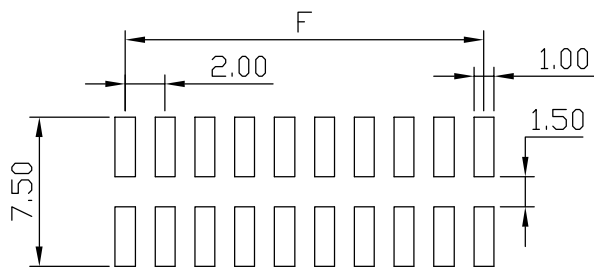
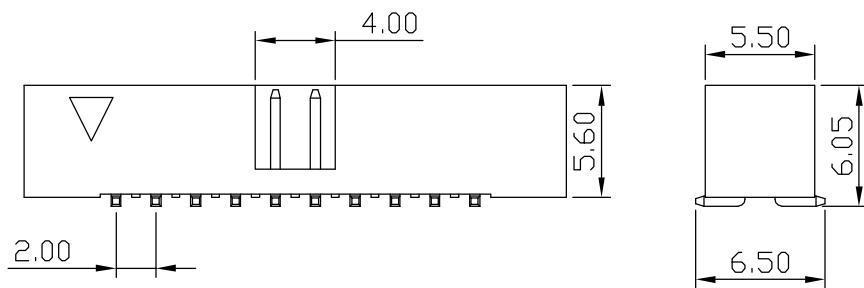
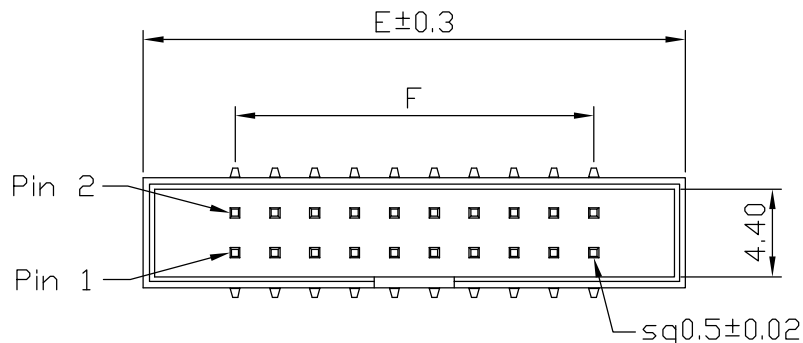
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BOX HEADER 2.0\*2.0mm SMT TYPE  
Recommended P.C.B Layout

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	120 SERIES BOX HEADER 2.0MM (0.079")	
DRAWING NO.	REV	
120-XXXXXX	A	
FILE NO.	SHEET 3 OF 3	