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RoHS COMPLIANT

REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE

Product Specification

Material

Insulator :Glass-Filled Thermoplastic
UL94V-0 rates PBT

Contact :Brass

Electrical

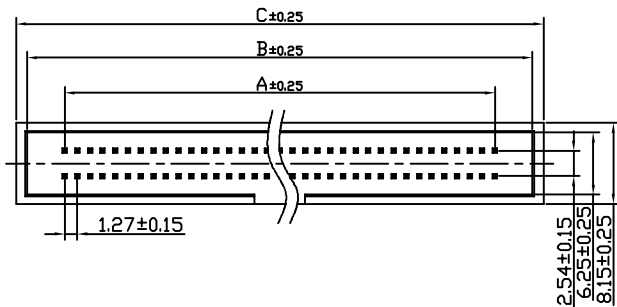
Contact Resistance :20 milliohms
Max at 1 AMP DC.

Insulation Resistance :5000
magohms at 500 VDC

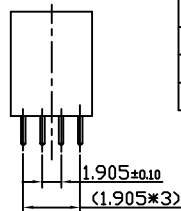
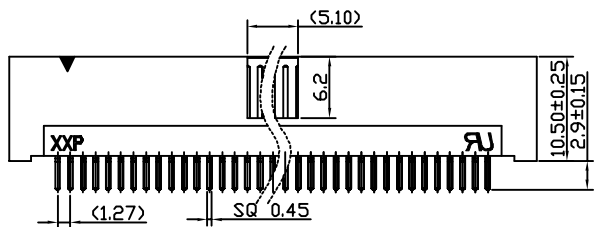
Dielectric Withstanding Voltage :
500 VAC/rms 60Hz for 1 minute

Current Rating :1 AMP

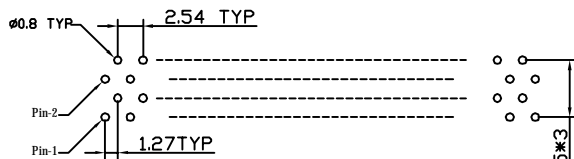
Volatge Rating :250 VAC/rms 60Hz



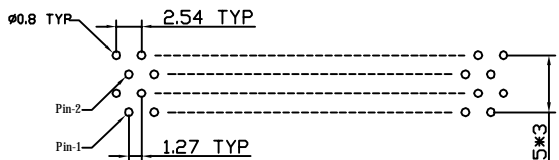
No. of contacts	Dimension		
	A	B	C
10	5.08	12.65	14.85
16	8.89	16.46	18.66
20	11.43	19.00	21.20
26	15.24	22.81	25.01
30	17.78	25.35	27.55
32	19.05	26.62	28.82
34	20.32	27.89	30.09
40	24.13	31.70	33.90
44	26.67	34.24	36.44
50	30.48	38.05	40.25
52	31.75	39.32	41.52
60	36.83	44.40	46.60
68	41.91	49.48	51.68
70	43.18	50.75	52.95
80	49.53	57.10	59.30
100	62.23	69.80	72.00



Straight type



Odd Pin Counts Recommend PCB Layout



Even Pin Counts Recommend PCB Layout

Ordering Information

118b - $\frac{XXX}{a} \frac{X}{b} \frac{X}{c} \frac{X}{d}$

- 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)
- c. Terminal Type
 - 0: 180° Dip type
 - 1: 90° Dip type
- d. Insulator Material
 - 1: PBT
 - 2: Nylon 6T
 - 3: Nylon 9T

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 DRAWN BY AND DATE JAY ZHANG 03-27-08	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
	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]	
MATERIAL FINISH	SCALE: 2 : 1 SIZE: A3	DRAWING NO. 118b-XXX002 REV A
FILE NO.:		SHEET 1 OF 3

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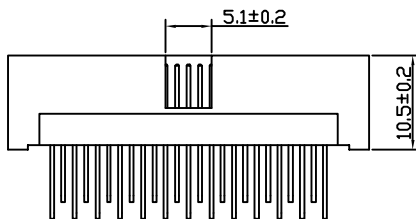
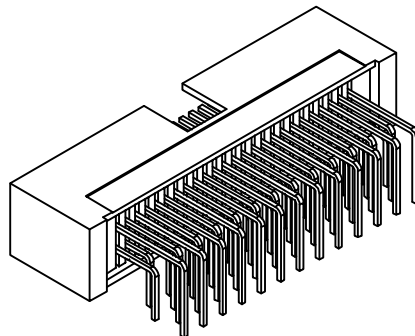
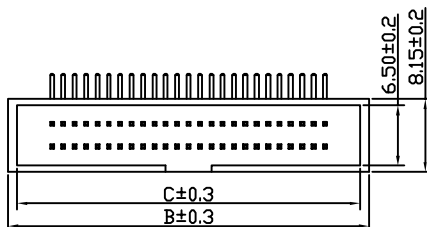
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Contact :Brass

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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

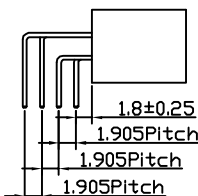
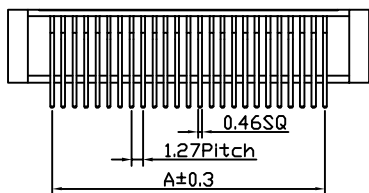


Ordering Information

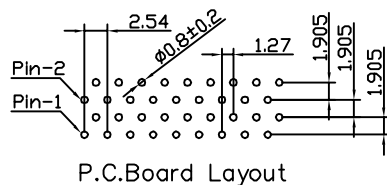
118b - $\frac{XXX}{a} \frac{X}{b} \frac{X}{c} \frac{X}{d}$

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Circuits	Dimension		
	A	B	C
10	5.08	14.85	12.65
26	15.24	25.01	22.81
30	17.78	27.55	25.35
34	20.32	30.09	27.89
50	30.48	40.25	38.05
70	43.18	52.95	50.75



Right Angle single Pin type



P.C.Board Layout

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DIMENSIONS: <input type="checkbox"/> MM [INCH] <input type="checkbox"/> INCH [mm] <input checked="" type="checkbox"/> MM ONLY	CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	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	
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MATERIAL		DRAWING NO.	REV
FINISH		SCALE: NONE SIZE: A3	118b-XXX011
FILE NO.		SHEET 2 OF 3	

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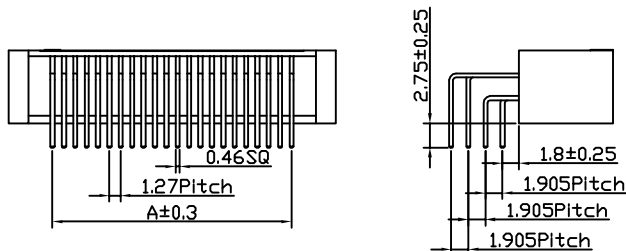
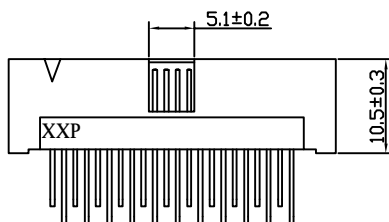
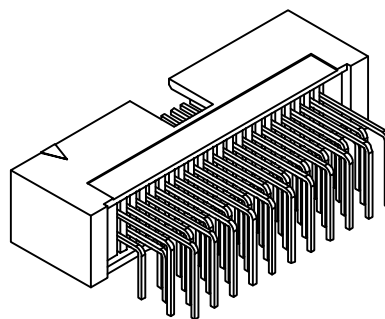
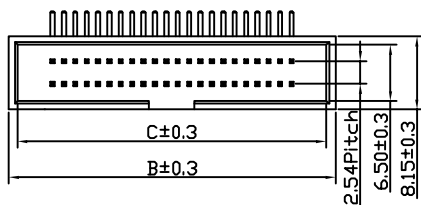
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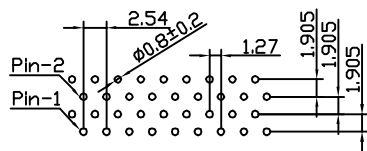
118b - $\frac{XXX}{a} \frac{X}{b} \frac{X}{c} \frac{X}{d}$

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60	36.83	46.60	44.40
68	41.91	51.68	49.48
80	49.53	59.30	57.10
100	62.23	72.00	69.80



Right Angle double Pin type



P.C.Board Layout

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MATERIAL:				TITLE 118b SERIES BOX HEADER 1.27*2.54MM (0.050"-0.100")x4Rows
FINISH:		SCALE: NONE SIZE: A3		
DRAWING NO. 118b-XXX011		REV A		SHEET 3 OF 3
FILE NO.:		DATE:		