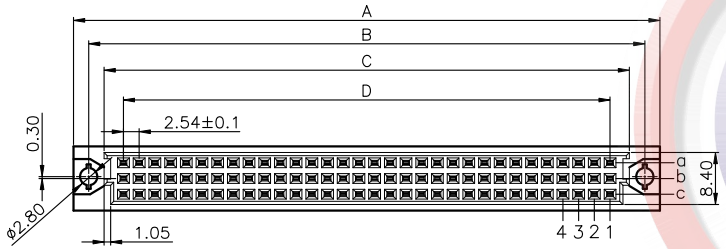
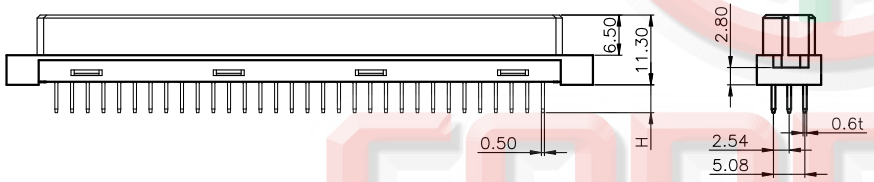
REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJC 02/02/09'	~	LJC 02/02/09'
B	DRAWING UPDATE	JLZ 06/08/17'	~	

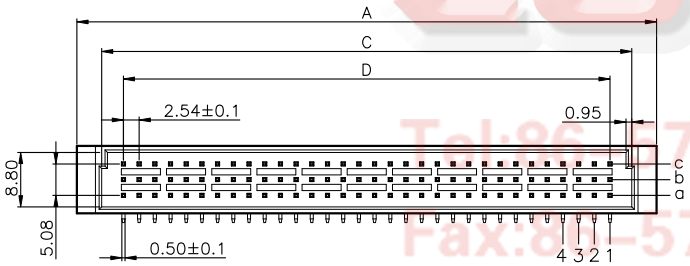
FEMALE



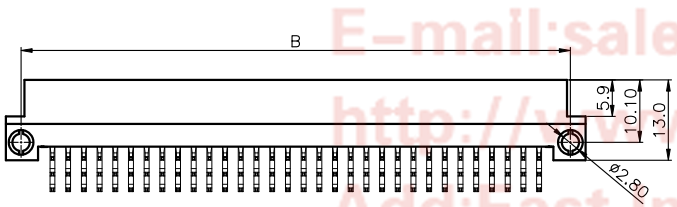
positions	A	B	C	D
96P(3*32)	94.9	90.0	85.0	78.74
48P(3*16)	54.9	50.0	44.26	38.10

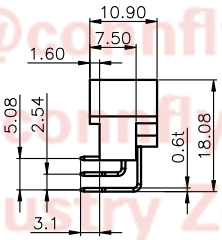


MALE



positions	A	B	C	D
96P(3*32)	93.8	88.9	85.8	78.74
48P(3*16)	53.26	48.26	44.7	38.10



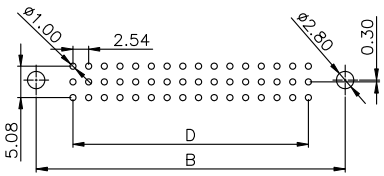


NOTES:

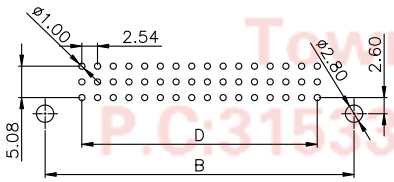
1. Specifications:
   - . Contact Resistance: 20mΩ max.
   - . Insulation Resistance: 1000MΩ min.
   - . Current Rating: 2A.
   - . Dielectric withstanding voltage: AC 1000V(r.m.s)/60s.
   - . Operating Temperature: −40°C to +105°C
   - . Recommend Wave Soldering Temperature: 260°C,5−10s.
2. Materials:
   - . Contact: Copper alloy
   - . Housing: PBT
3. Product Unmber code:

DS1120 − X X X X X X − X

- Tail Length(Dim H,For Female)
  - S: H=2.9mm
  - N/A Code: H=4.5mm
- Column with Contacts type
  - 1: 1−3 type
  - 2: 2−4 type
  - 3: 1−2−3 type
- Rows with Contacts type
  - 1: abc type(3 rows with contact)
  - 2: ac type(2 rows with contact)
  - 3: a type(1 rows with contact)
- Mounting type
  - R: right angle type
  - V: V/T type
- Contact plating
  - 6: full Tin plating
  - 0: selective gold flash
- Connector type
  - M:male
  - F:female
- No.of contacts
  - 96 (3*32)
  - 48 (3*16)



RECOMMEND PCB LAYOUT(FOR FEMALE)
TOLERANCE=±0.05mm



RECOMMEND PCB LAYOUT(FOR MALE)
TOLERANCE=±0.05mm

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	1 OF 2
DRAWING NO.	C−DS1120−XXXXXXX−B		

PROJECTION		TITLE	DIN 41612 C & RTYPE (3ROWS)
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1120 SERIES

晨翔电子有限公司
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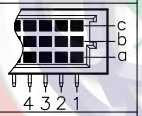
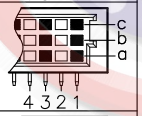
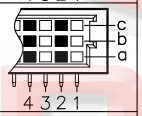
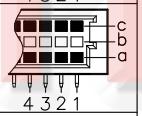
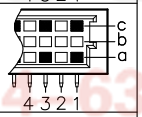
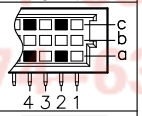
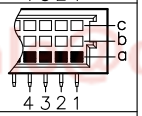
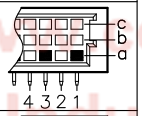
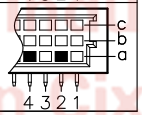
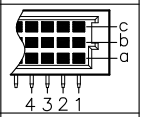
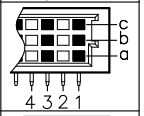
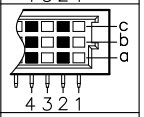
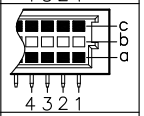
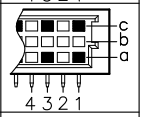
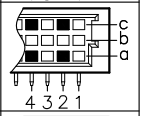
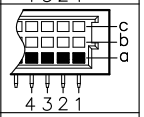
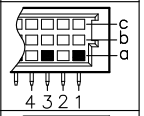
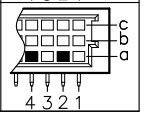
P.C:315333

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJC 02/02/09'	~	LJC 02/02/09'
B	DRAWING UPDATE	JLZ 06/08/17'	~	

Reference to female R/A type

Pitch	Position	Row with conntacts	column with conntacts	Contact Arrange
2.54	96 (3*32)	abc	1-2-3	
		abc	1-3	
		abc	2-4	
		ac	1-2-3	
		ac	1-3	
		ac	2-4	
		a	1-2-3	
		a	1-3	
		a	2-4	

Reference to female R/A type

Pitch	Position	Row with conntacts	column with conntacts	Contact Arrange
2.54	48 (3*16)	abc	1-2-3	
		abc	1-3	
		abc	2-4	
		ac	1-2-3	
		ac	1-3	
		ac	2-4	
		a	1-2-3	
		a	1-3	
		a	2-4	

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P.C:315333

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	2 OF 2
DRAWING NO.	C-DS1120-XXXXXXX-B		

PROJECTION		TITLE	DIN 41612 C & RTYPE (3ROWS)
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1120 SERIES

晨翔电子有限公司
CONNFLY ELECTRONIC CO., LTD