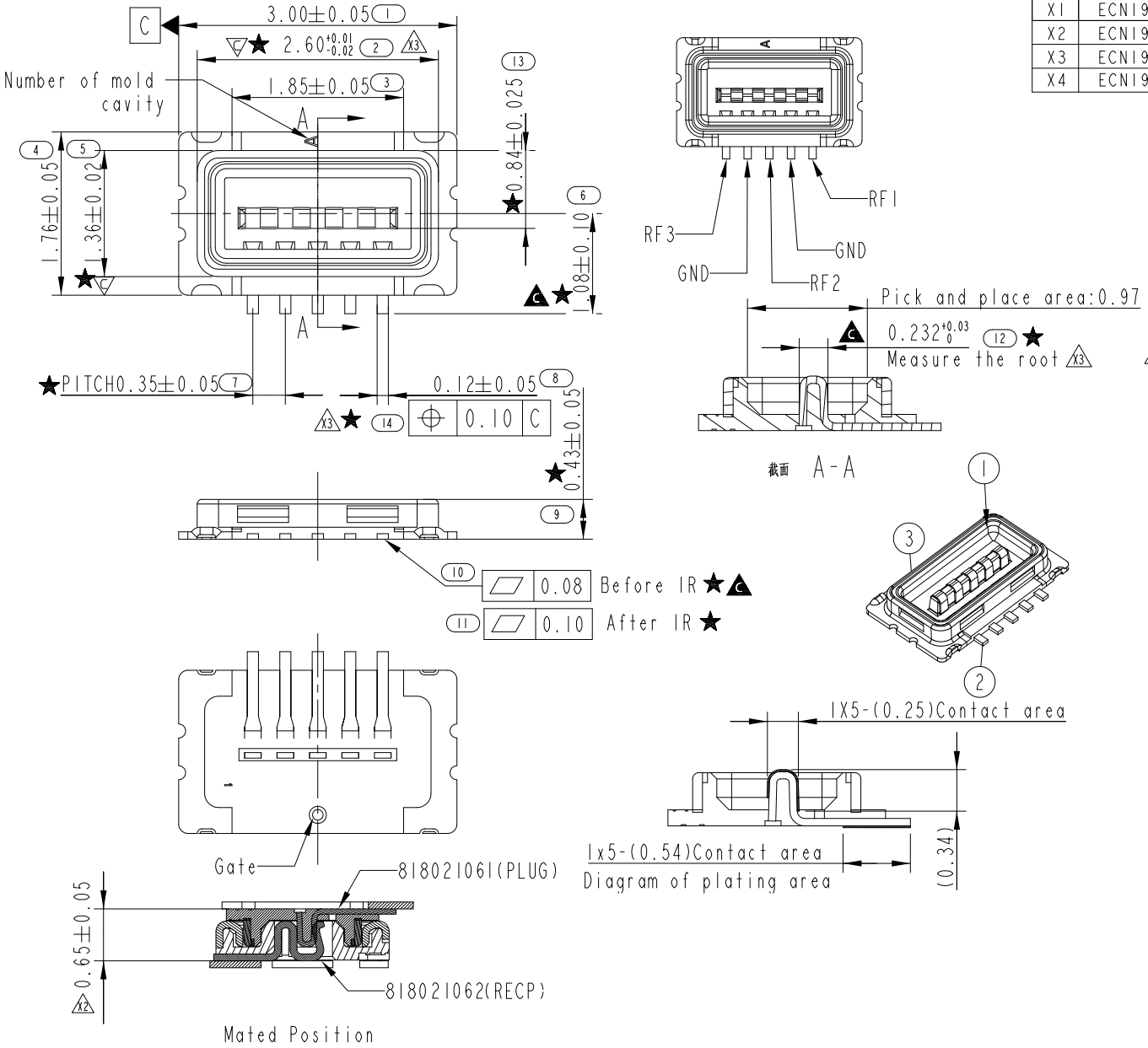
REV.	ECN NUMBER	DESCRIPTION	DATE	DRAWN	CHECKD	APPROVED
X1	ECN190068	FIRST RELEASE	06/10/20'	ZC	SEAN	SEAN
X2	ECN190068	X2 Upda the drawing	02/23/21'	SK	ZC	SEAN
X3	ECN190068	X3 Modify pirect distance	03/12/21'	SK	ZC	SEAN
X4	ECN190068	X4 Add specifications	09/28/22'	WL	ZC	SEAN



NOTES:

1.Material
- 1.1 Housing:LCP S475
- 1.2 Contact:Phosphorous Bronze C7025 TM03
- 1.3 Shell:Stainless Steel SUS304 1/2H

2.Finish
- 2.1 Contact:4u''Min Glod Plating on contact area
  3u''Min Glod Plating on solder area
  80-150u'' Ni underplating over all
- 2.2 Shell:3u''Min Glod plating on solder area
  80-150u''Ni underplating over all

3.Specification

3.1	Voltage Rating	10V r.m.s Max
X4 3.2	Current Rating	0.3A/Pin
3.3	Nominal Frequency	50MHz-8.5GHz,
3.4	Nominal Impedance	50±5Ω
3.5	Contact resistance	50mΩ Max
	After test:	△20mΩ Max
3.6	Insulation Resistance	500MΩ Min
	After test:	100MΩ Min
3.7	Temperature Rating	-40°C to +85°C

- 3.8 Withstanding Voltage
  No evidence of breakdown in AC 120 Vr.m.s,1Minute
- 3.9 Voltage Standing Wave Ratio(V.S.W.R.)
  Meet the requirements of following spec.
  1.3 max. at 0~3GHz
  1.4 max. at 3~6GHz
  1.5 max. at 6~8.5GHz
- 3.10insertion loss:0-3GHz <0.15dB
  3-6GHz <0.3dB
  6-8.5GHz<0.5dB
- 3.11 isolation: 0-3GHz ≥35dB
  3-6GHz ≥30dB
  6-8.5GHZ≥25dB
- 3.12 Mating-Unmating Force:
  Mating force :3.5kgf 35N) Max
  Unmating force: (1ST) 5N~22N
  (30ST) ≥3N
- 3.13 Salt watet spray:Temperature 35°C±2°C
  Density of salt water 5±1%
  Duration 48±2Hour

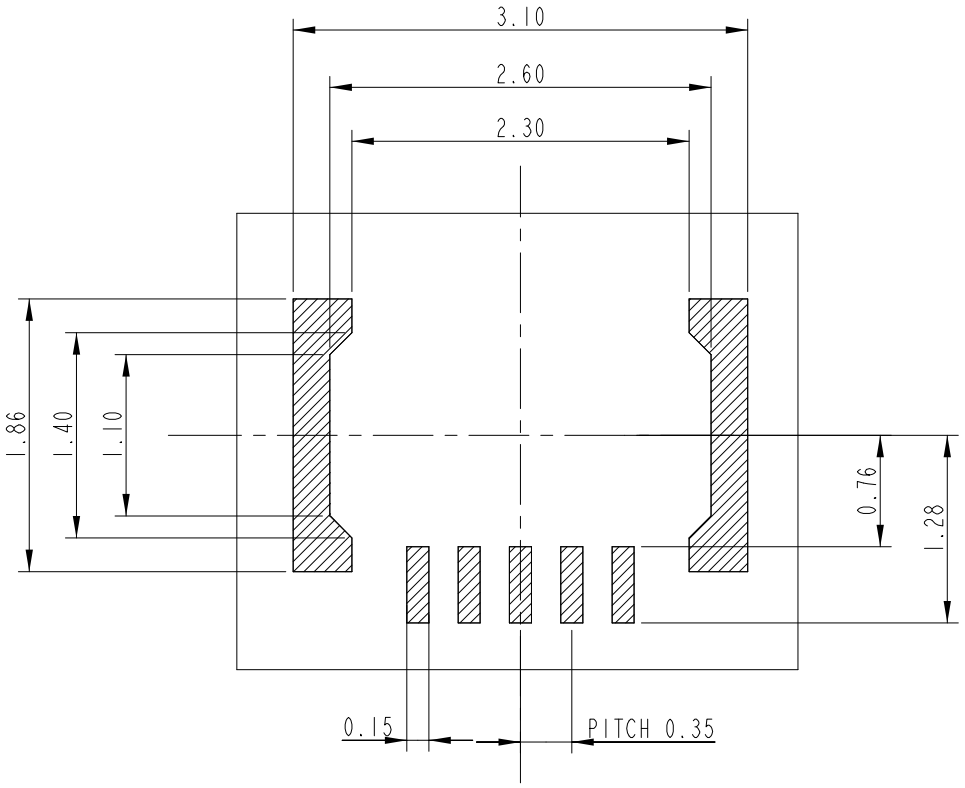
4.0
- " ★ " SHOW KEY DIMENSIONS
- " ▽ " SHOW CPK DIMENSIONS
- " ( ) " SHOW REF DIMENSIONS
- " △5 " SHOW KEY DIMENSIONS ,SPC
- " (X) " SHOW FAI DIMENSIONS
- " C " SHOW KEY DIMENSIONS,100%

ELECTRIC CONNECTOR TECHNOLOGY	GENERAL TOLERANCE		SCALE: 20.000	DRAWN ZC	DATE 06/10/20'	DWG. NO. 600-21061-01	TITLE CUSTOMER DRAWING
	X. ±0.40		UNIT: mm	CHECK	DATE		BTB RF P0.35,H0.6mm 5Pin Plug Conn
	.X ±0.25	X.° ±3.0°		APPROVE	DATE	PARTS NO.(INTENDED USE) 818021061	
	.XX ±0.15	.X° ±2.0°	SIZE: A4				
	.XXX ±0.10	.XX° ±1.0°					

REV. X4

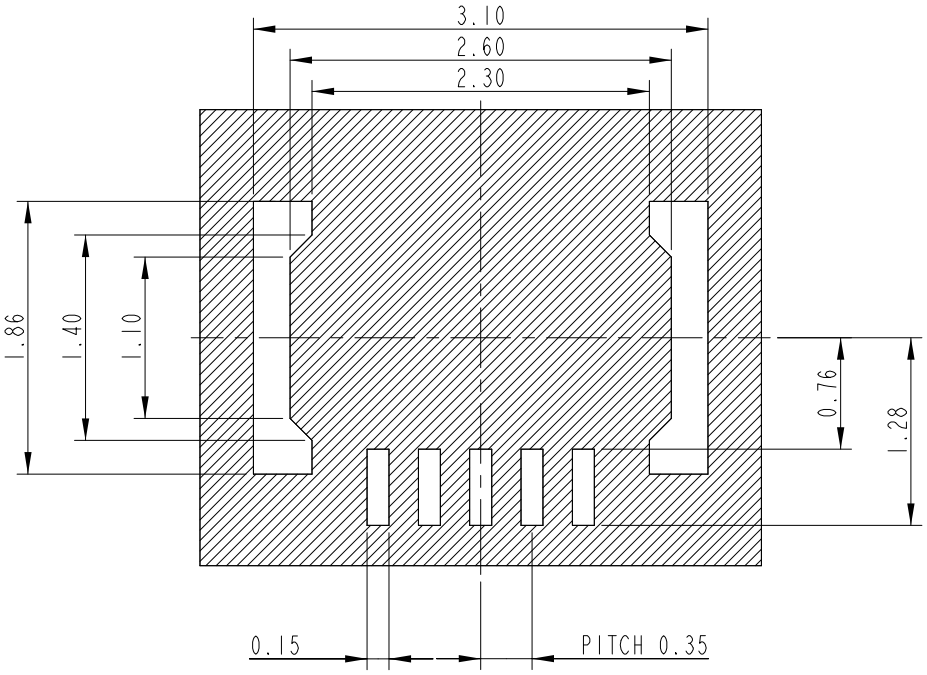
SHEET 1/4

REV.	ECN NUMBER	DESCRIPTION	DATE	DRAWN	CHECKD	APPROVED
X1	ECN190068	FIRST RELEASE	06/10/20'	ZC	SEAN	SEAN
X2	ECN190068	X2 Upda the drawing	02/23/21'	SK	ZC	SEAN
X3	ECN190068	X3 Modify pirect distance	03/12/21'	SK	ZC	SEAN
X4	ECN190068	X4 Add specifications	09/28/22'	WL	ZC	SEAN



LAND PATTERN

TOLERANCE:±0.03



SOLDER RESIST

TOLERANCE:±0.03

ELECTRIC CONNECTOR TECHNOLOGY

GENERAL TOLERANCE	
X. ±0.40	
.X ±0.25	X.° ±3.0°
.XX ±0.15	.X° ±2.0°
.XXX ±0.10	.XX° ±1.0°

SCALE: 20.000

UNIT: mm

SIZE: A4

DRAWN	ZC	DATE 06/10/20'
CHECK		DATE
APPROVE		DATE

DWG. NO. 600-21061-01

PARTS NO.(INTENDED USE) 818021061

TITLE

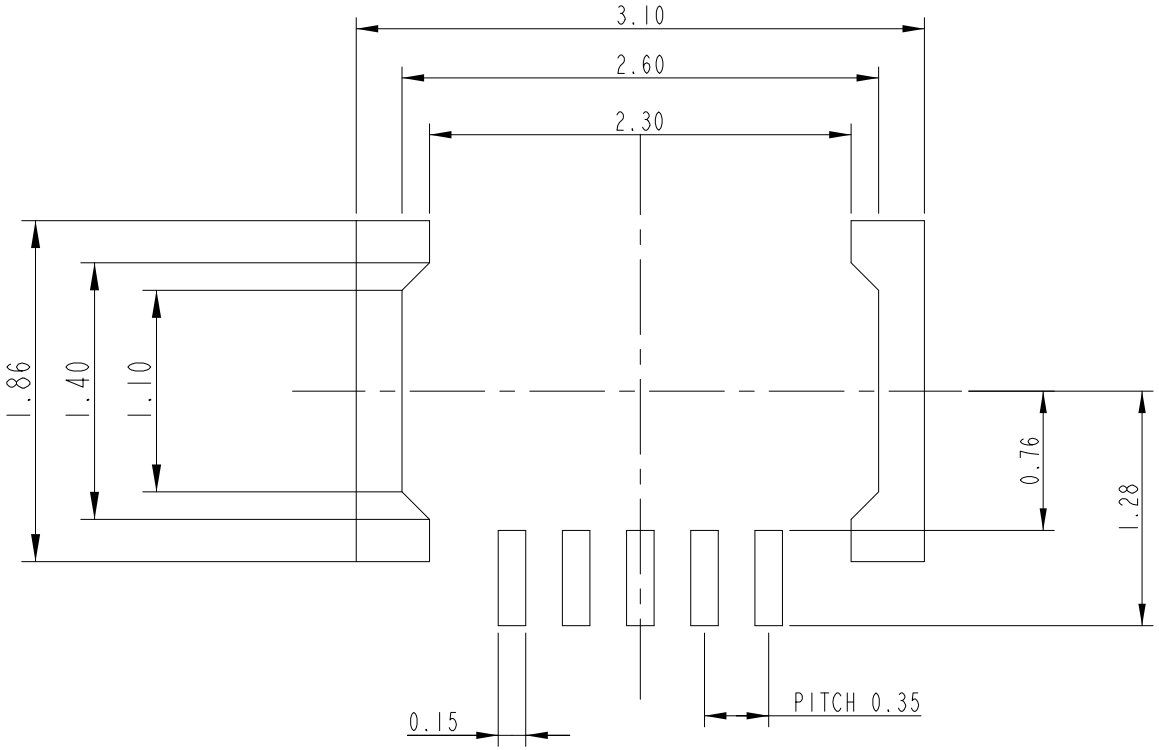
CUSTOMER DRAWING

BTB RF P0.35,H0.6mm 5Pin Plug Conn

REV. X4

SHEET 2 / 4

REV.	ECN NUMBER	DESCRIPTION	DATE	DRAWN	CHECKD	APPROVED
X1	ECN190068	FIRST RELEASE	06/10/20'	ZC	SEAN	SEAN
X2	ECN190068	△X2 Upda the drawing	02/23/21'	SK	ZC	SEAN
X3	ECN190068	△X3 Modify pirect distance	03/12/21'	SK	ZC	SEAN
X4	ECN190068	△X4 Add specifications	09/28/22'	WL	ZC	SEAN



比例 25.000

STANDARD STENCIL MASK PATTERN

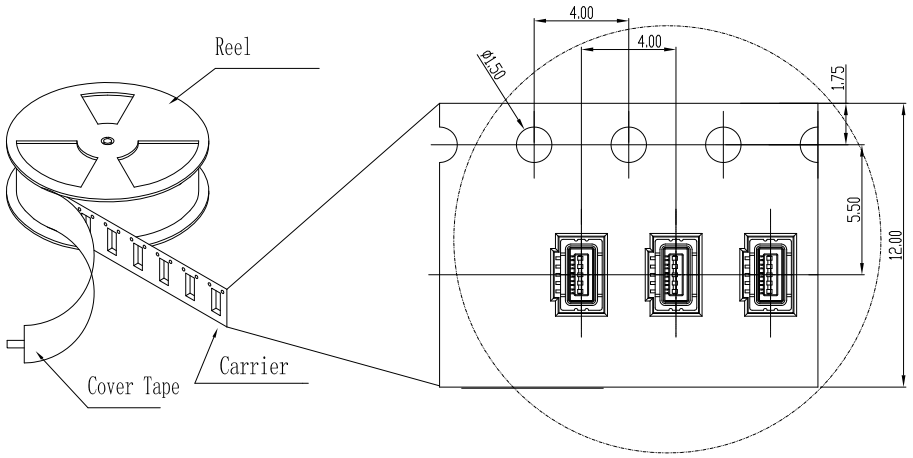
Thickness is 0.08mm

ELECTRIC CONNECTOR TECHNOLOGY	GENERAL TOLERANCE		SCALE: 25.000	DRAWN ZC	DATE 06/10/20'	DWG. NO. 600-21061-01	TITLE CUSTOMER DRAWING
	X. ±0.40		UNIT: mm	CHECK	DATE	PARTS NO.(INTENDED USE) 818021061	BTB RF P0.35,H0.6mm 5Pin Plug Conn
	.X ±0.25	X.° ±3.0°					
	.XX ±0.15	.X° ±2.0°					
	.XXX ±0.10	.XX° ±1.0°	SIZE: A4	APPROVE	DATE		

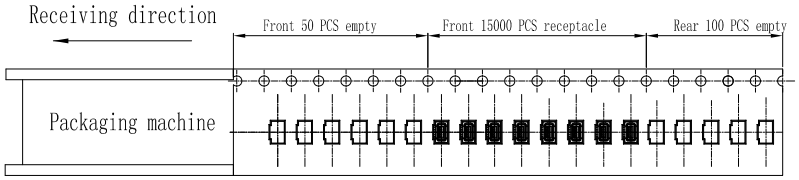
REV. X4

SHEET 3 / 4

REV.	ECN NUMBER	DESCRIPTION	DATE	DRAWN	CHECKD	APPROVED
X1	ECN190068	FIRST RELEASE	06/10/20'	ZC	SEAN	SEAN
X2	ECN190068	X2 Upda the drawing	02/23/21'	SK	ZC	SEAN
X3	ECN190068	X3 Modify pirect distance	03/12/21'	SK	ZC	SEAN
X4	ECN190068	X4 Add specifications	09/28/22'	WL	ZC	SEAN

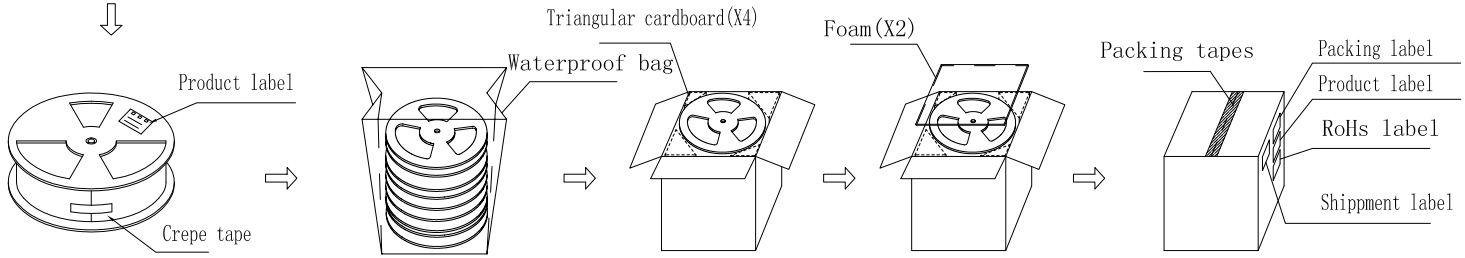


PULL OUT DIRECTION



Notes:
1. Packing product light , avoid the product deformation.
2. The tape packaging, check for leaks installs, product placement direction is correct.
3. The packing is not available at manual connection.
4. Check the whole stack of layers is correct.
5. If not filled with null box, cushion material should be related to fill.
6. Waterproof bag must be sealing.
7. After sealed the whole case, check the label content is correct
8. Outside the carton:(840000602)L340mm*W340mm*H315mm

5	818021061	7311603002	604050040	604040006	15000	18	270000
PIN NO.	P/N	Carrier P/N	Reel	Cover Tape	PCS/Disc	Disc/Box	PCS/Box
					(PACKING CAPACITY)		



Electric Connector Technology CO., Ltd. 电连技术股份有限公司	GENERAL TOLERANCE: XX. ±0.40; X. ±0.25; X.° ±2.0°; .X ±0.13; .X° ±1.0°; .XX ±0.05; .XX° ±0.5°	SCALE: 1:1	DRAWN ZC	DATE 06/10/20'	DWG. NO. 600-21061-01	TITLE: Packaging Specification	REV. X4
		UNIT: mm	CHECK	DATE	PARTS NO.(INTENDED USE) 818021061	RF BTB PLUG P0.35*H0.6 10P,Black, 21061	SHEET 4/4
		SIZE: A4	APPROVE	DATE			