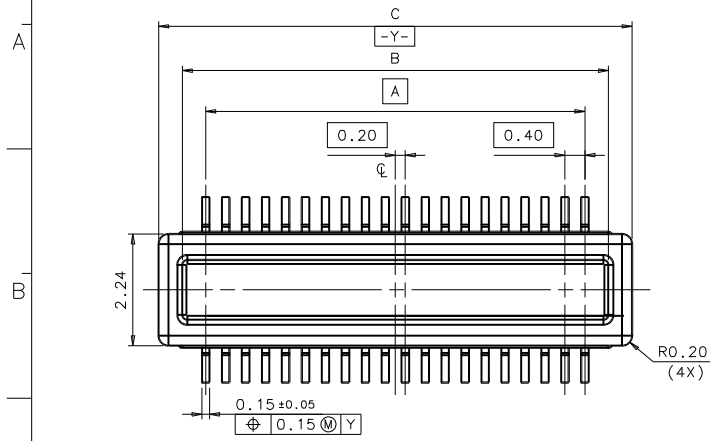


IDEAS GENERATED DRAWING, DON'T CHANGE BY HAND.

REV.	ECN. NO.	APPD.
A	HC-04-1007	Paul Huang

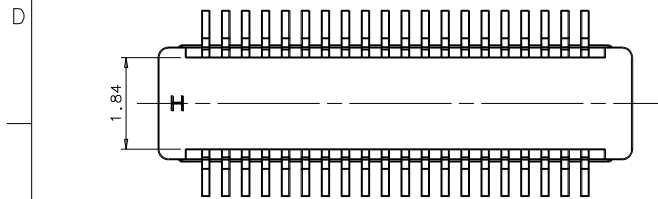
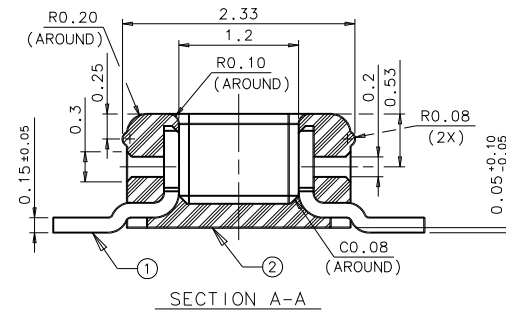
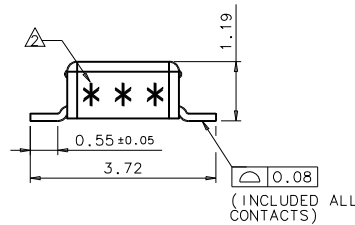
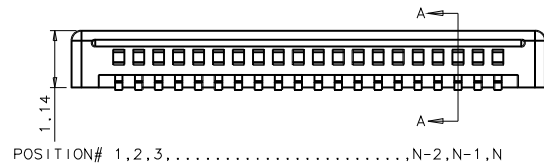


NOTES:

1. MATERIAL:
 HOUSING: THERMOPLASTIC, UL 94V-0.
 CONTACT PLATING: 50u" MIN. NICKLE UNDER PLATING.
 10u" MIN. GOLD PLATING ON THE CONTACT AREA.
 8u" MAX. GOLD PLATING ON THE SOLDER AREA.
- △ THE DATE CODE WAS PRINTED NEAR THE POSITION AS SHOWN.

SPECIFICATION:

1. ELECTRICAL CHARACTERISTICS:
 1-1. CONTACT CURRENT RATING: 0.5 AMPERE MAX. PER PIN.
 1-2. INSULATION RESISTANCE: 100 MEGAOHMS MIN. AT 500 VDC.
 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 250 VAC RMS AT 60Hz FOR 1 MINUTE.
 1-4. CONTACT RESISTANCE: 80 MILLIOHMS MAX. BEFORE & AFTER ENVIROMENT TEST.
2. MECHANICAL CHARACTERISTICS:
 2-1. CONTACT RETENTION FORCE: 100 gf MIN. PER CONTACT.
 2-2. DURABILITY: 20 MATING CYCLES.
 2-3. MATING FORCE: 4.5Kgf MAX.
 2-4. UNMATING FORCE: 0.5kgf MIN.
 2-5. OPERATING TEMPERATURE: -40°C TO +70°C.



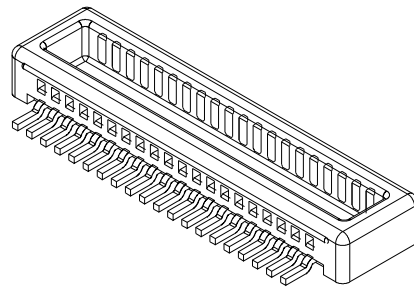
ITEM NO.	DESCRIPTION	QT'Y
①	PLUG CONTACT	NNN
②	HOUSING	1

PART NO.	POS. NO.	A	B	C
QT400206-L000	20	3.6	4.54	5.49
QT400306-L000	30	5.6	6.54	7.49
QT400406-L000	40	7.6	8.54	9.49
QT400506-L000	50	9.6	10.54	11.49

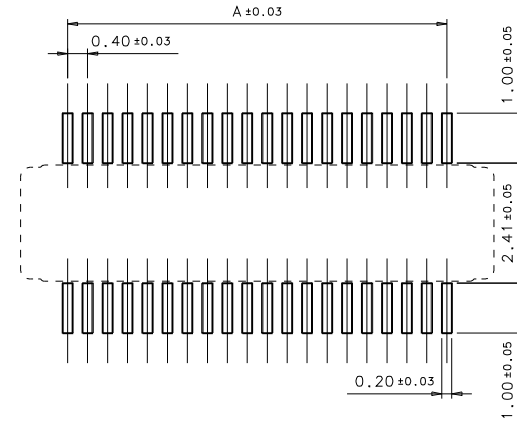
X. ± 0.30	X.° ± 3°	UNITS mm	NAME (INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.X ± 0.25	.X° ±	MAT'L	0.4P MH=1.5mm PLUG BTB CONN.	
.XX ± 0.20	.XX° ±	FINISH △	PART NO. (INTENDED USE)	TITLE:
.XXX ±	.XXX° ±		QT40NNN6-L000	CUSTOMER DRAWING
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			323-0000-1061	
Q'TY			CHKD: Paul Huang 02/19'04	SCALE SHEET REV.
			DR: Artson Shiu 02/16'04	N/A 1/3 A

IDEAS GENERATED DRAWING, DON'T CHANGE BY HAND.

REV.	ECN. NO.	APPD.



ISO VIEW
(REFERENCE)



RECOMMENDED PCB LAYOUT

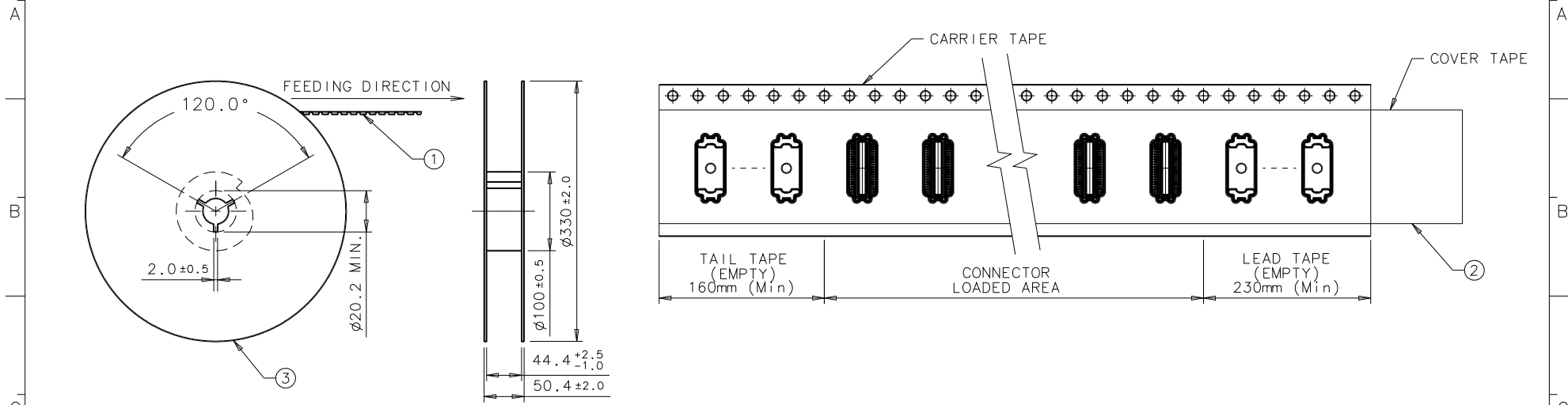
PART LIST

Q T 4 0 N N N 6 - L 0 0 0	
0.4P BTB CONN. PLUG	METAL EAR 0:W/O METAL EAR
POS. NO. 020 : 20POS. 030 : 30POS. 040 : 40POS. 050 : 50POS.	PACKAGE 0:TAPE & REEL
PLATING 6: 10u" MIN. GOLD PLATING	POST 0:W/O POST
	PROFILE HEIGHT L: MH=1.50mm

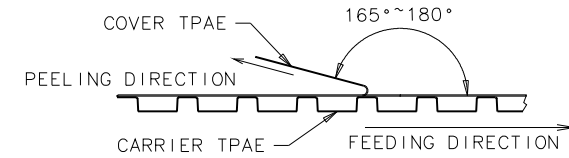
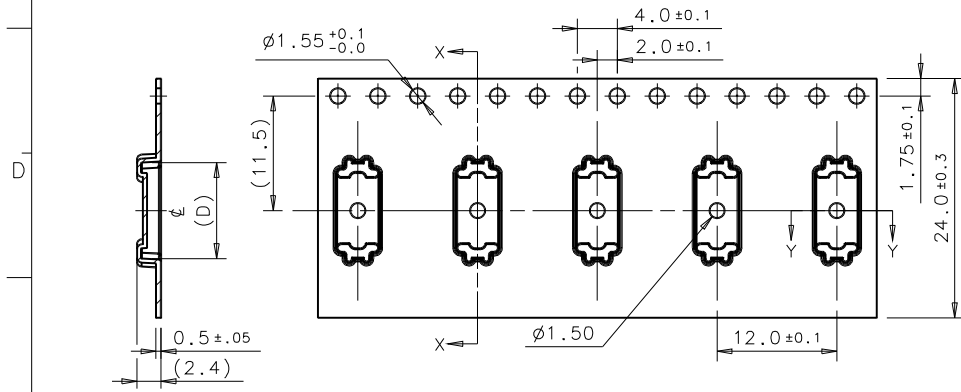
X. ± 0.30	X.° ± 3°	UNITS mm	NAME (INTENDED USE) 0.4P MH=1.5mm PLUG BTB CONN.	FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.
.X ± 0.25	.X° ±	MAT'L	PART NO. (INTENDED USE) QT40NNN6-L000	
.XX ± 0.20	.XX° ±	FINISH	APPD: Paul Huang 02/19'04	TITLE: CUSTOMER DRAWING
.XXX ±	.XXX° ±		CHKD: Paul Huang 02/19'04	DWG NO.: 323-0000-1061
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REV.	ECN. NO.	APPD.



- NOTES:
1. 10 POCKETS HOLE PITCH CUMULATIVE TOLERANCE $\pm 0.20\text{mm}$.
 2. NUMBER OF CONNECTORS : 2000 PCS/REEL.
 3. COVER TAPE PEELING STRENGTH : 0.1 Kgf MAX. AT 300mm/min.



ITEM	DESCRIPTION	MATERIAL
①	CARRIER TAPE	POLYSTYRENE
②	COVER TAPE	POLYESTER
③	REEL	POLYSTYRENE

PART NO.	D
QT400206-L000	5.6
QT400306-L000	7.6
QT400406-L000	9.6
QT400506-L000	11.6

X. ± 0.30	X. ° ±	UNITS	mm
.X ± 0.25	.X ° ±	MAT'L	
.XX ± 0.20	.XX ° ±	FINISH	
.XXX ±	.XXX ° ±	Q'TY	

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NAME (INTENDED USE) 0.4P MH=1.5mm PLUG BTB CONN.	FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.
PART NO. (INTENDED USE) QT40NNN6-L000	
APPD: Paul Huang 02/19'04	TITLE: CUSTOMER DRAWING
CHKD: Paul Huang 02/19'04	DWG NO.: 323-0000-1061
DR: Artson Shiu 02/16'04	SCALE SHEET REV. N/A 3/3 A