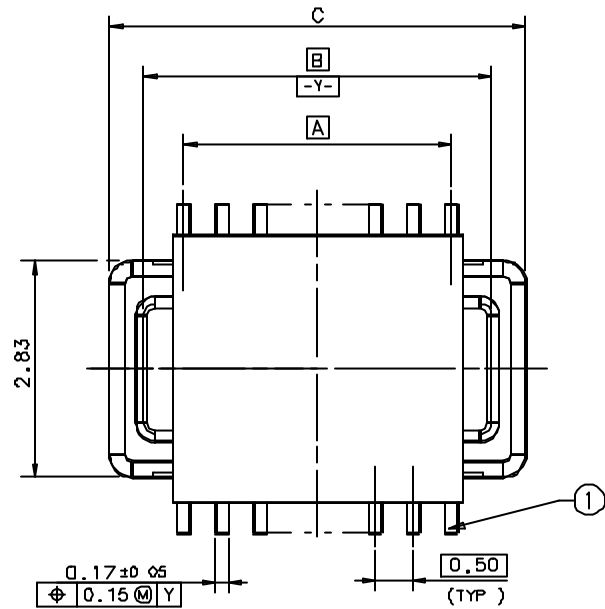


IDEAS GENERATED DRAWING DON'T CHANGE BY HAND.

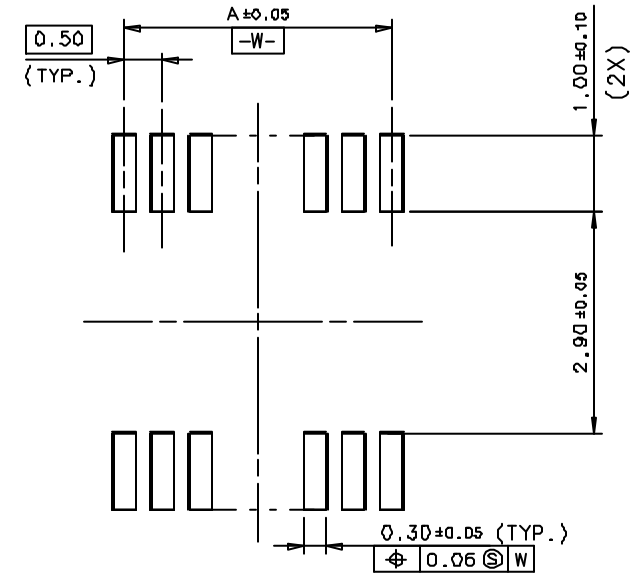
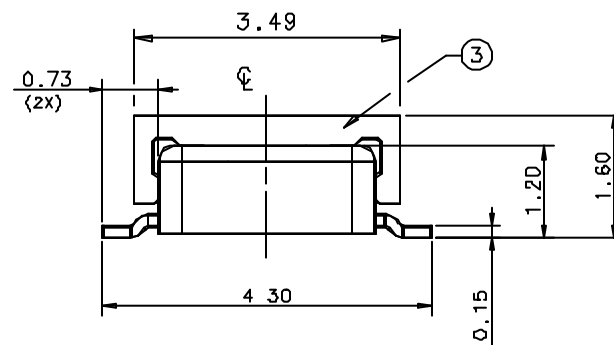
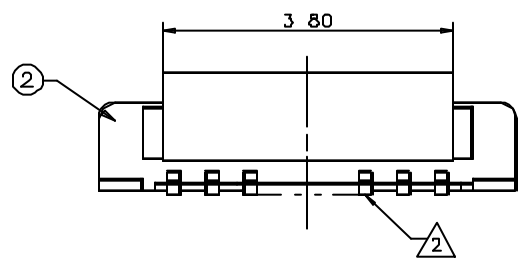
REV.	ECN NO.	APPD.
A	HC-05-2713	Paul Huang
B	HC-05-5095	Paul Huang



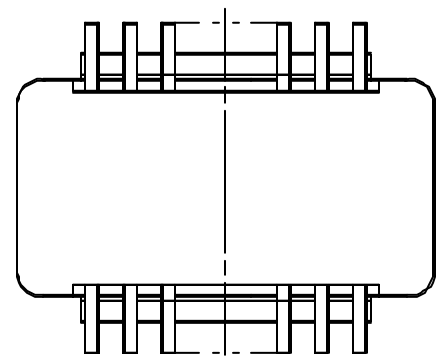
POS. NO.	A	B	C	PART NO. LIST
16	3.5	4.55	5.45	QT500166-L020-9F
20	4.5	5.55	6.45	QT500206-L020-9F
22	5.00	6.05	6.95	QT500226-L020-9F
24	5.50	6.55	7.45	QT500246-L020-9F
30	7.00	8.05	8.95	QT500306-L020-9F
40	9.50	10.55	11.45	QT500406-L020-9F
50	12.00	13.05	13.95	QT500506-L020-9F
70	17.00	18.05	18.95	QT500706-L020-9F
80	19.50	20.55	21.45	QT500806-L020-9F
100	24.50	25.55	26.45	QT501006-L020-9F

NOTES.

- DIMENSIONS SHALL BE INTERPRETED PER ANSI Y14.5M-1994.
- TAIL COPLANARITY TO BE 0.10mm MAX.
- ELECTRICAL CHARACTERISTICS
 - CONTACT CURRENT RATING: 5 AMPERE D.C. MAX., CONTINUOUSLY.
 - LOW LEVEL CONTACT RESISTANCE: 40 MILLIOHMS MAX. (INITIAL), 60 MILLIOHMS MAX. AFTER PHYSICAL AND ENVIRONMENTAL TESTING.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC FOR 1 MINUTE.
 - INSULATION RESISTANCE: 100 MEGOHMS MIN.
- MECHANICAL CHARACTERISTICS
 - DURABILITY (MATING CYCLES): 30 CYCLES.
 - VIBRATION: PASSED MIL-STD-202F, METHOD 201.
 - SHOCK: PASSED MIL-STD-202F, METHOD 213, CONDITION A.
 - CONTACT RETENTION FORCE: 100gf MIN. PER CONTACT.
- ENVIRONMENT PERFORMANCE
 - OPERATING TEMPERATURE RANGE: -40° TO +85°
 - THERMAL SHOCK: PASSED MIL-STD-202F, METHOD 107, CONDITION A.
 - TEMPERATURE-HUMIDITY CYCLINGS: PASSED MIL-STD-202F, METHOD 103B.
 - RESISTANCE TO SOLDERING HEATING: PASSED MIL-STD-202F, METHOD 21DA.



RECOMMENDED PCB LAYOUT (TOP VIEW)



Q T 5 0 * * * 6 - L 0 2 0 - 9 F

FINE PITCH
BOARD TO BOARD CONNECTOR
5. PITCH=0.5mm
0. PLUG CONNECTOR

LEAD FREE CODE
F: LEAD FREE

PACKAGE
9: TAPE & REEL
W/ PICK-UP CAP

METAL EAR
0: W/O METAL EAR

POST
0: W/O POST

PROFILE HEIGHT
L: MH=1.5mm

CONTACT AREA PLATING
6: 10u" MIN. GOLD

POS. NO.
016: 16POS.
020: 20POS.
022: 22POS.
024: 24POS.
030: 30POS.
040: 40POS.
050: 50POS.
070: 70POS.
080: 80POS.
100: 100POS.

ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH	REMARK
③	PICK-UP CAP	1	THERMOPLASTIC	BLACK	/
②	HOUSING	1	THERMOPLASTIC	BLACK	/
①	CONTACT	SEE P/N DESCRIPTION	COPPER ALLOY	(1) 60u" MIN. NICKEL BASE PLATING. (2) 10u" MIN. GOLD PLATING ON CONTACT AREA. (3) 8u" MAX. GOLD PLATING ON SOLDER TAIL AREA.	/
X. ±0.50		X. ±	UNITS	NAME (INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C. TITLE: CUSTOMER DRAWING DWG NO.: 323-0000-1167
.X ±0.30		.X ±	MAT'L	0.50mm PITCH BTB MH=1.50mm (PLUG)	
.XX ±0.20		.XX ±	SEE NOTE	PART NO (INTENDED USE)	
.XXX ±		.XXX ±	FINISH	QT50***6-L020-9F	
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HON HAI PRECISION IND. CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF HON HAI PRECISION IND. CO., LTD.		SEE NOTE.	Q'TY	APPD: Paul Huang 5/31/05 CHKD: Colin Pan 5/30/05 DR: Z.Y.ZHANG 5/29/05	SCALE: N/A SHEET: 1/1 REV: B