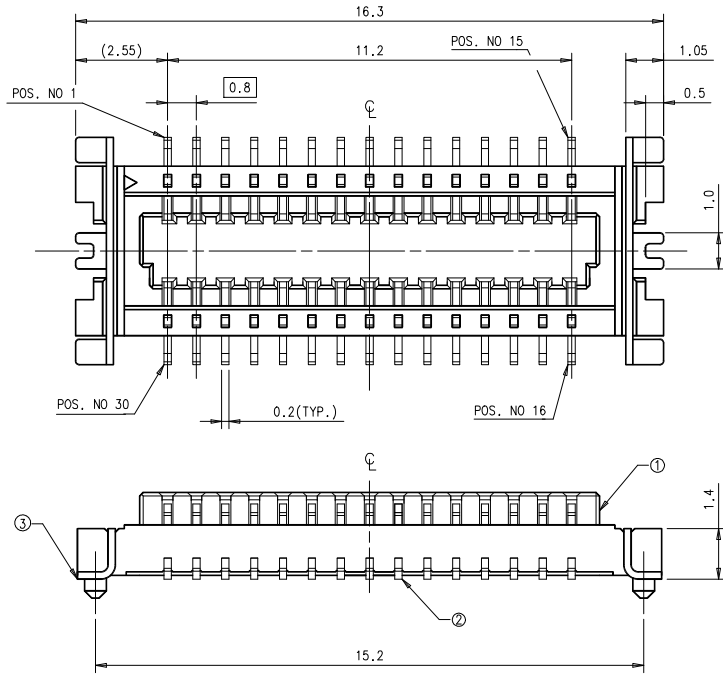


IDEAS GENERATED DRAWING, DON'T CHANGE BY HAND.

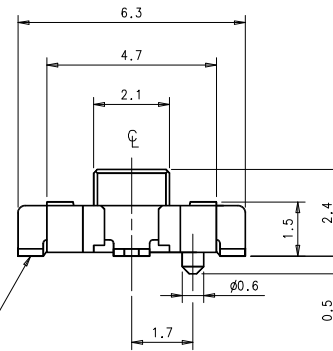
REV.	ECN. NO.	APPD.
A	HC012709	H.J. YU
B	HC045978	paul Huang



ALL CONTACTS AND METAL EAR INCLUDED

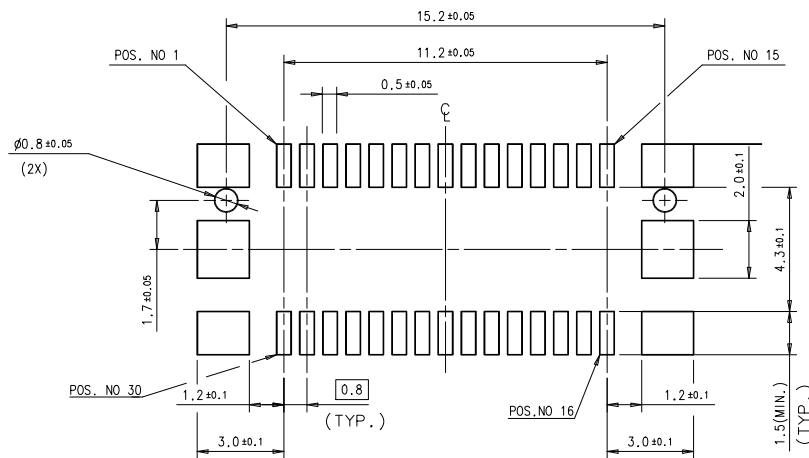
NOTES:

- DIMENSIONS SHALL BE INTERPRETED PER ANSI Y14.5M-1994.
- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING: 0.5 AMPERE D.C. MAX. CONTINUOUSLY.
 - LOW LEVEL CONTACT RESISTANCE: 40 MILLIOHMS MAX. (INITIAL), 60 MILLIOHMS MAX. (AFTER).
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
 - INSULATION RESISTANCE: 100 MEGAOHMS MIN.
 - CAPACITANCE: 2 PICO FARADS MAX. AT 1 KHZ.
- MECHANICAL CHARACTERISTICS:
 - MATING FORCE: 126g MAX. PER CONTACT.
 - UN-MATING FORCE: 20g MIN. PER CONTACT.
 - DURABILITY (MATING CYCLES): 20 CYCLES.
 - VIBRATION: PASSED EIA-364-27B, TABLE 1, CONDITION A.
 - CONTACT RETENTION FORCE: 100g MIN.
- ENVIRONMENTAL CHARACTERISTICS:
 - OPERATION TEMPERATURE RANGE: -40°C TO 85°C
 - THERMAL SHOCK: PASSED EIA-364-32.
 - TEMPERATURE-HUMIDITY CYCLING TEST: PASSED MIL-STD-202F, METHOD 103B.
 - TEMPERATURE LIFE: PASSED EIA-364-17B, METHOD A, TEST CONDITION 3 FOR TEMPERATURE AND TEST CONDITION 4 FOR DURATION TIME.



QT8B0301-1011(-7F)

- PITCH: 8: 0.8mm
- B: PLUG
- POS NO: 030: 30 POS
- CONTACT AFTER PLATING: 1: 50u* MIN TIN/LEAD OR PURE TIN PLATING
- LEAD FREE CODE: F: LEAD FREE
- PACKAGE CODE: 7: TAPE & REEL W/O PI-FILM
- METAL EAR CODE: 1: W/METAL EAR CODE
- EXTENSION CODE
- PROFILE HEIGHT: 1: 2.4mm



RECOMMENDED P.C. BOARD LAYOUT

ITEM	DESCRIPTION	QTY	MATERIAL	TREATMENT	REMARK
③	METAL EAR	2	COPPER ALLOY	30u*MIN PURE TIN WITHOUT NICKEL UNDER PLATING	LEAD FREE
②	CONTACT	30	COPPER ALLOY	50u* MIN TIN/LEAD WITHOUT NICKEL UNDER PLATING 50u* MIN NICKEL UNDER PLATING, 50u* MIN PURE TIN ON THE CONTACT SURFACE AND SOLDER AREA 50u* MIN NICKEL UNDER PLATING, 100u* MIN TIN/LEAD ON THE CONTACT SURFACE AND SOLDER AREA	LEAD FREE
①	HOUSING	1	THERMOPLASTIC UL 94V-0	MOLD	
ITEM	DESCRIPTION	QTY	MATERIAL	TREATMENT	REMARK
X.±	X.±		UNITS	mm	
.X± 0.2	.X*±		MAT'L	NAME (INTENDED USE) 0.8P LOW PROFILE BOARD TO BOARD	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.XX± 0.10	.XX*±		SEE NOTES	PART NO. (INTENDED USE)	TITLE: CUSTOMER DRAWING
.XXX±	.XXX*±		FINISH	QT8B0301-1011(-7F)	
			QTY	APPD: Paul Huang 10/18'04	DWG NO.: 323-0100-020
				CHKD: Colin Pan 10/18'04	
				DR: S.H. Zhang 10/15'04	SCALE SHEET REV. 10:1 1/1 B

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