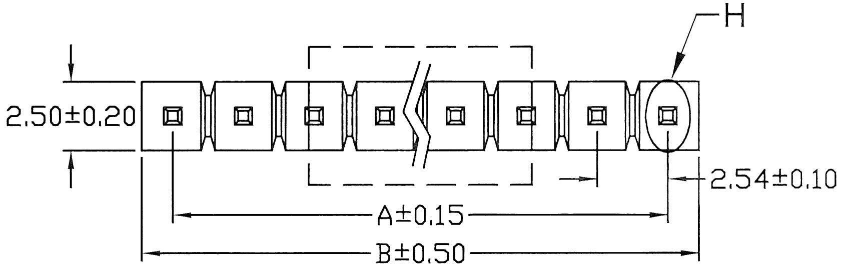
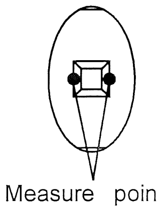
No. of Contacts	DIMENSIONS A	DIMENSIONS B
1		2.54
2	2.54	5.08
3	5.08	7.62
4	7.62	10.16
5	10.16	12.70
6	12.70	15.24
7	15.24	17.78
8	17.78	20.32
9	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80
21	50.80	53.34
22	53.34	55.88
23	55.88	58.42
24	58.42	60.96
25	60.96	63.50
26	63.50	66.04
27	66.04	68.58
28	68.58	71.12
29	71.12	73.66
30	73.66	76.20
31	76.20	78.74
32	78.74	81.28
33	81.28	83.82
34	83.82	86.36
35	86.36	88.90
36	88.90	91.44
37	91.44	93.98
38	93.98	96.52
39	96.52	99.06
40	99.06	101.60

版次	ECN 编码	描述 改前	描述 改后	设计/日期
20	CH10040098		PAD加长0.3mm	罗继明_2011/06/13
21	EL22090071		更换新图框	江蒙_2022/09/20





DETAIL H
SCALE 3:1

NOTES: (UNLESS OTHERWISE SPECIFIED)
1. DIMENSION SHALL BE INTERPRETED PER ANSI Y14.5M.
2. CONTACT RETENTION FORCE: 700g MIN, PER CONTACT.
3. DURABILITY: 50 CYCLES MIN.
4. RATING VOLTAGE: 30V A/DC.
5. CURRENT RATING: 3 AMPERE.
6. CONTACT RESISTANCE: 20 m ohms MAX, INITIAL.
7. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC rms./MINUTE.
8. INSULATION RESISTANCE: 5000 Megohms MIN.
9. OPERATING TEMPERATURE: −40°~+105°C.
10. FINISH:
GOLD PLATED
◎STANDARD: GOLD FLASH
◎DUPLEX PLATING:GOLD PLATED ON CONTACT AREA,
TIN PLATED ON SOLDER AREA
11. HARMFUL MATERIAL SHOULD BE COMPLIANT TO DOC. "EI−0005" STANDARDS.
12. PRODUCT NUMBER MATRIX:

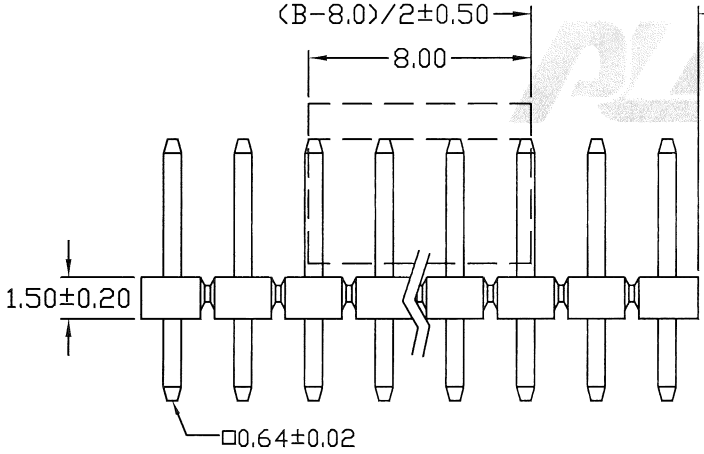
XHCY−XXS−X−C/D−*−*

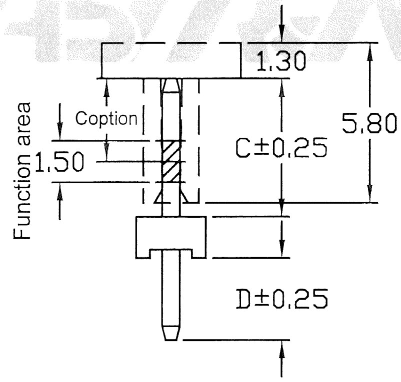
Pin type

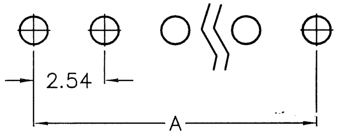
Pin type	
Brass	L
Brass(Reel)	B
Phosphor Bronze	P
◎Standard: L	

Number of Contacts
Straight
Contact Plating
Pin Length mm
If C/D is 045/020,
DIM C=4.50mm, DIM D=2.00mm
NULL: Thermoplastic(PBT)
F: High Temperature Thermoplastic(Nylon−6T)
H: Halogen free(LCP)
NULL: TUBE
R: PAD+REEL
P: PAD+TUBE

Definition			Code
◎ Tin plated:			A
◎ Gold plated:			
flash	B	15μ"	F
10μ"	E	30μ"	J
◎Duplex plating:			
flash	K	15μ"	P
10μ"	N	30μ"	U
◎Standard: B All plating is lead free.			







RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

TOLERANCE TABLE	
X. ± 0.30	X.° ± 3°
.X ± 0.25	.X° ± 2°
.XX ± 0.20	

SCALE 1:1	DRAWN	江蒙	DATE	2022/09/20	DWG. NO. 600-0000-0515
UNIT mm	CHECK		DATE	2022/09/21	PARTS NO.(INTENDED USE) XHCY-XXS-X-C/D-*-*
SIZE A4	APPROVE		DATE	2022/09/21	

TITLE	REV.	SHEET
CUSTOMER DRAWING	21	1/1