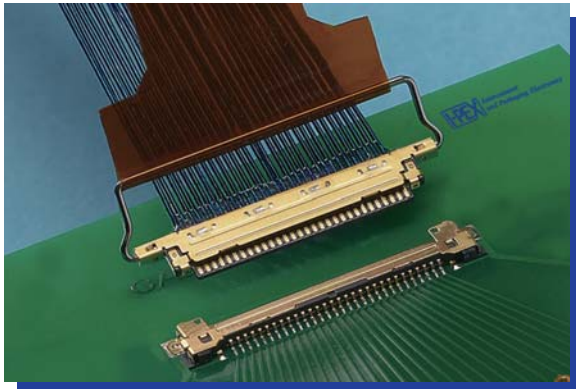


CABLINE®-VS

0.5mm Pitch

Horizontal Type



- Mating Height : MAX. 1.1mm
- Improved transmission efficiency, High level EMI shield performance and multi point ground
- **W-Point** Contact with High mating reliability
- Anti-reverse mating design
- Locking bar prevents accidental unmating (Option)
- Soldering connection

【Applicable Cable Size】

Micro Coax	AWG #40, #42, #44 (AWG #36: Power Only)
DISCRETE	AWG #32, #34, #36
TWINCOAX	AWG #40

【Number of Position】

20p, 30p, 40p, 50p

【Ordering Code】

PLUG Connector Set (for Cable)

Parts Ordering (HOUSING)

20454- 2 ** T (-01)

① ② only 50pos

Parts Ordering (SHELL A)

2574- * ** 2

③ ①

Parts Ordering (Pull bar)

2576- * ** - **

④ ① ⑤

RECEPTACLE Connector Set
(for PC Board)

20455- * E - * 6**

① ② ③

①	POS.	20: 20pos 30: 30pos 40: 40pos 50: 50pos	
②	Packaging	T	Tray
③	DATUM MARK	0	With
		1	Without
④	INSULATION COAT	0	Without
		1	With
⑤	Packing Quantity	-	60,000pcs
		00	20,000pcs

①	POS.	A20: 20pos 030: 30pos 040: 40pos 050: 50pos	
②	Packaging	E	Emboss Tape
③	DATUM MARK	6	With
		7	Without

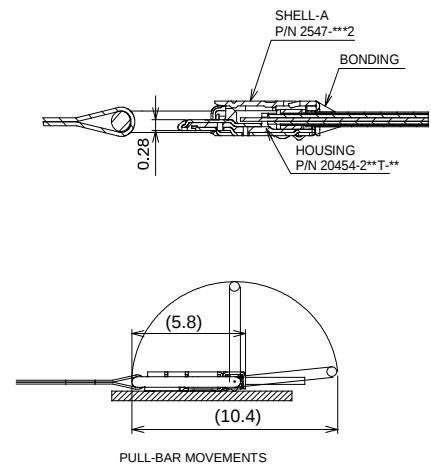
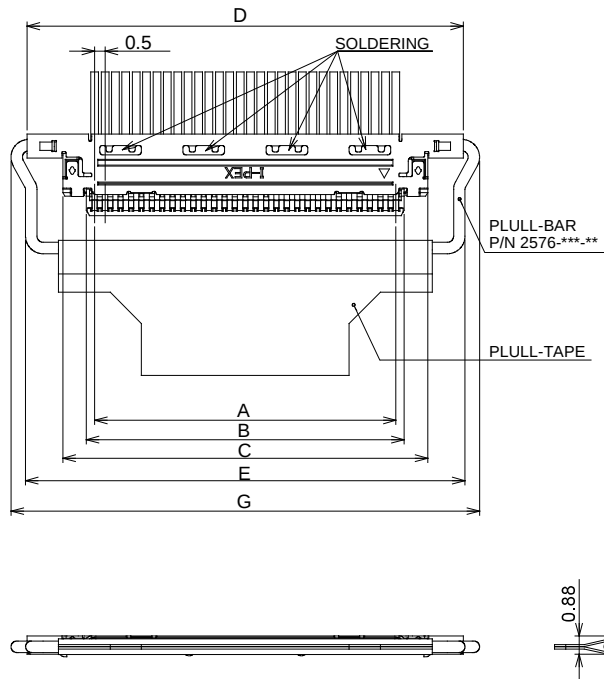
【Recommended P/N】

POS.	HOUSING	SHELL A	PULL BAR	PLUG Set	RECEPTACLE
20	20454-220T	2574-1202	2576-020-00	20453-220T-11	20455-A20E-76
30	20454-230T	2574-1302	2576-030-00	20453-230T-11	20455-030E-76
40	20454-240T	2574-1402	2576-040-00	20453-240T-11	20455-040E-76
50	20454-250T-01	2574-1502	2576-050-00	20453-250T-11S	20455-050E-76

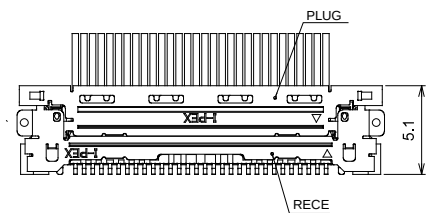
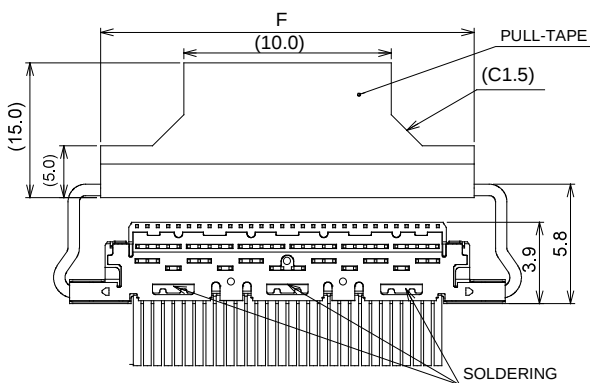
PLUG

Set P/N: 20453-2**T-***

POS.	A	B	C	D	E	F	G
20	9.50	10.30	12.56	16.00	16.15	13.00	17.55
30	14.50	15.30	17.56	21.00	21.15	18.00	22.55
40	19.50	20.30	22.56	26.00	26.15	23.00	27.55
50	24.50	25.30	27.56	31.00	31.15	28.00	32.55



PULL-BAR MOVEMENTS



MATED VIEW

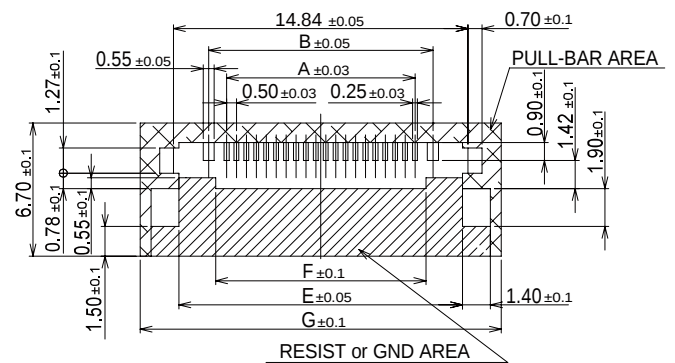
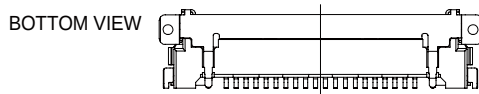
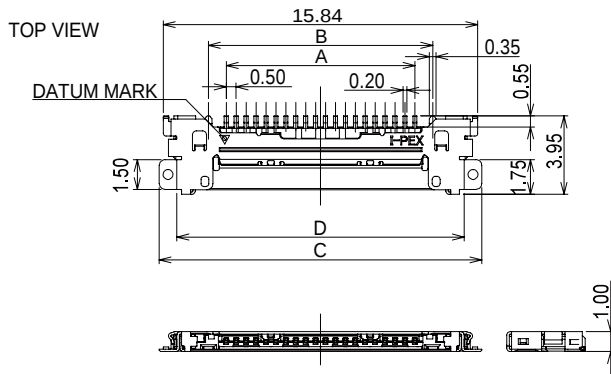
Material / Finish

HOUSING	LCP UL94V-0	BLACK
CONTACT	COPPER ALLOY	Au
SHELL A	COPPER ALLOY	Au
SHELL B	COPPER ALLOY	Au
PULL BAR	STAINLESS STEEL	-

RECEPTACLE

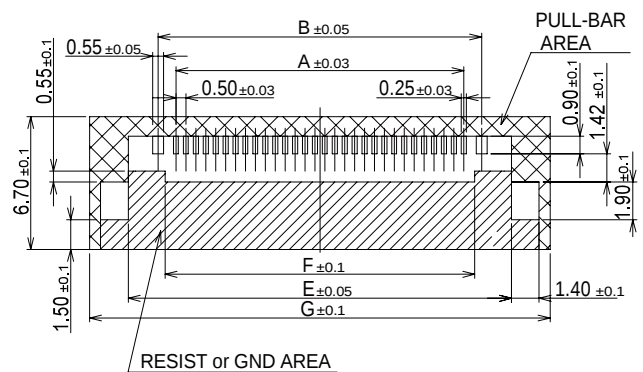
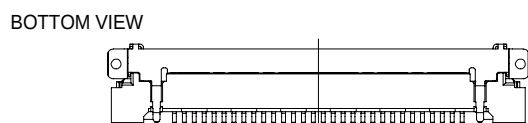
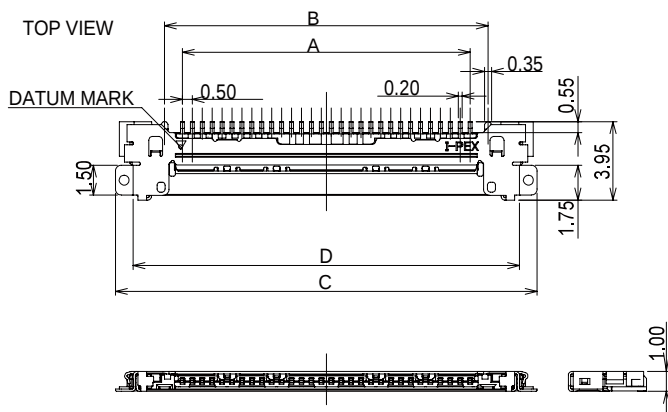
POS.	A	B	C	D	E	F	G
20	9.50	11.30	16.25	14.47	14.30	10.60	18.20
30	14.50	16.30	21.25	19.47	19.30	15.60	23.20
40	19.50	21.30	26.25	24.47	24.30	20.60	28.20
50	24.50	26.30	31.25	29.47	29.30	25.60	33.20

20455-A20E-*6 (20pin)



RECOMMENDED FOOTPRINT PATTERN

20455-0**E-*6 (30pin, 40pin, 50pin)



RECOMMENDED FOOTPRINT PATTERN

Material / Finish

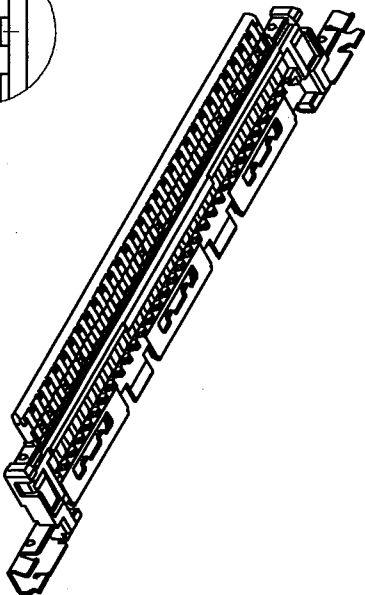
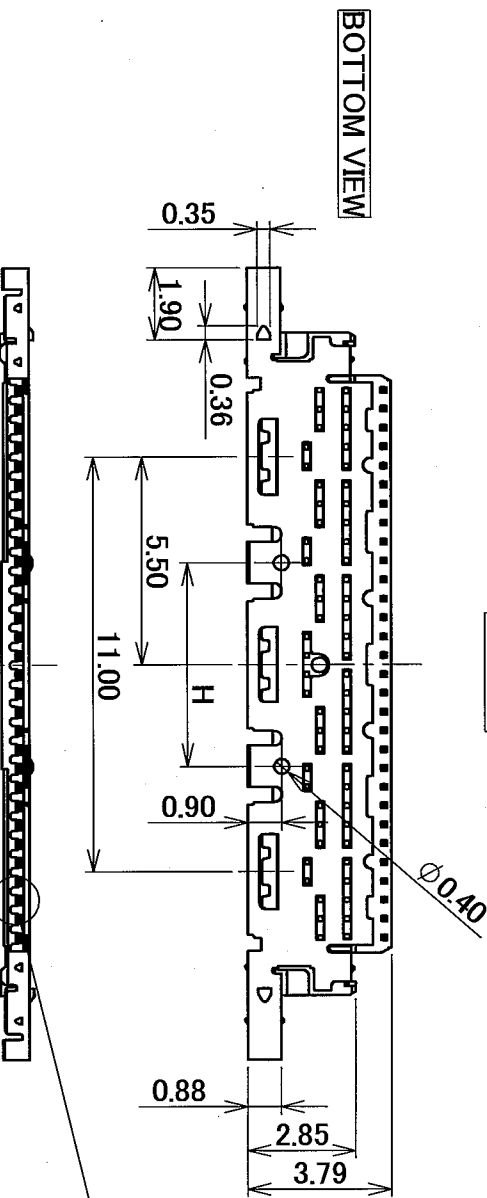
HOUSING	LCP UL94V-0	BLACK
CONTACT	COPPER ALLOY	Au
SHELL	COPPER ALLOY	Au

PART NO.	POS.	A	B	C	D	E	F	G	H
20454-220T	20	9.50	10.30	12.56	10.20	10.55	11.00	16.00	-
20454-230T	30	14.50	15.30	17.56	15.20	15.55	16.00	21.00	5.40
20454-240T	40	19.50	20.30	22.56	20.20	20.55	21.00	26.00	10.40

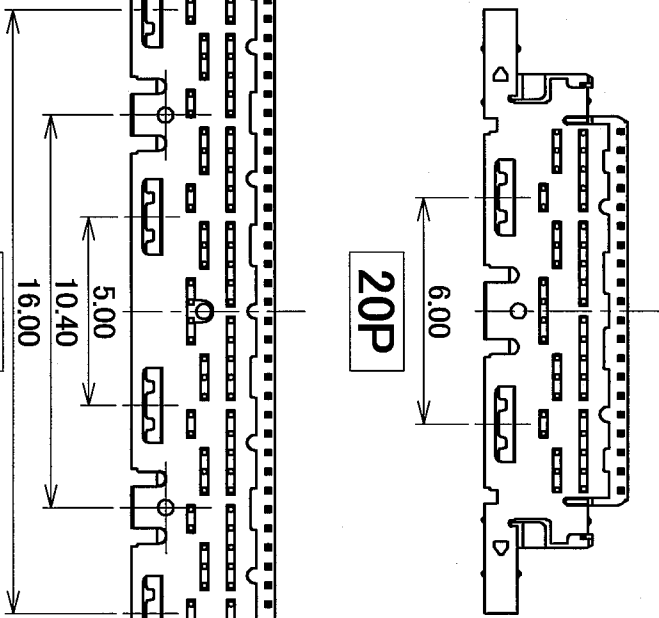
20454-2**T : STANDARD

TYPE-A

40P

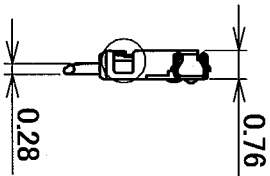
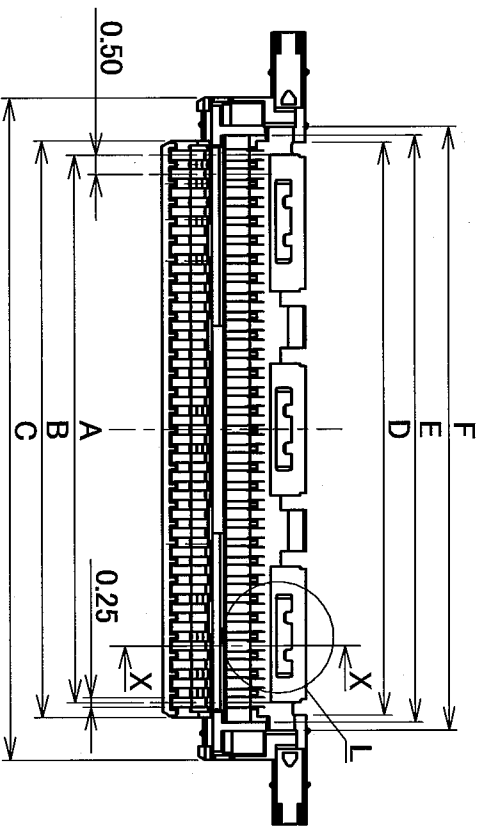


20P



40P

TOP VIEW



SECT. X-X
S=15:1

PATENT PENDING

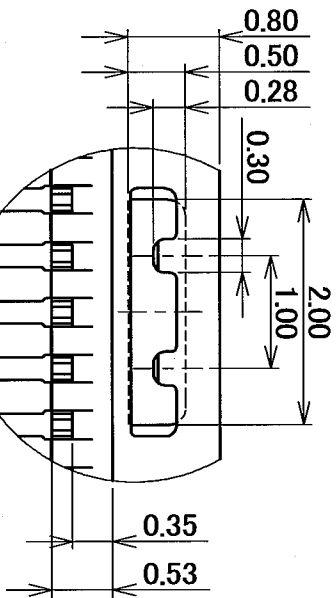
- NOTES.
- 1.MATERIAL & FINISH
HOUSING : LCP(RED PHOSPHORUS FREE), UL94V-0, BLACK
CONTACT : PHOSPHOR BRONZE / Au OVER Ni
SHELL B : PHOSPHOR BRONZE / Au OVER Ni
 - 2.THIS PART IS ASSEMBLED WITH SHELL-A(P/N:2574-***2) AFTER SOLDERED THE CABLE, AND IT BECOMES P/N:20453-2**T-***.
 - 3.TO ASSEMBLE AND SOLDER THIS CONNECTOR
YOU MUST READ AND FOLLOW THE ASSEMBLY MANUAL BELOW.
- ASSEMBLY MANUAL No. : ASM-08003
ASM-08007
- 4.RoHS Compliant
5.PRODUCT SPECIFICATION No. PRS-1427

P/N:20454-2**T

Pos.
TYPE-A

GENERAL TOLERANCE

6 MAX.	±0.2
6 OVER MAX. 30	±0.3
30 OVER MAX. 120	±0.5
ANGLE	±2°



DETAIL L
S=15:1

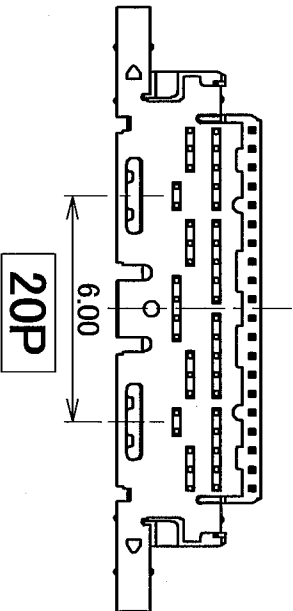
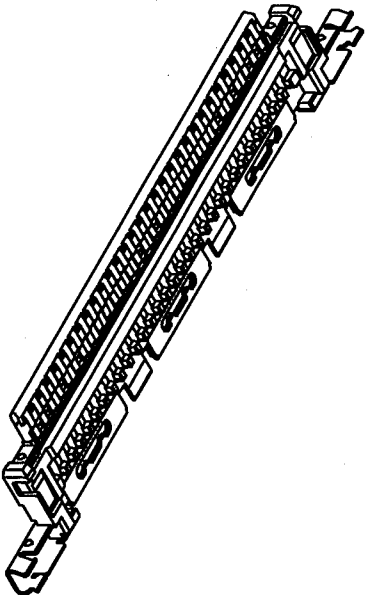
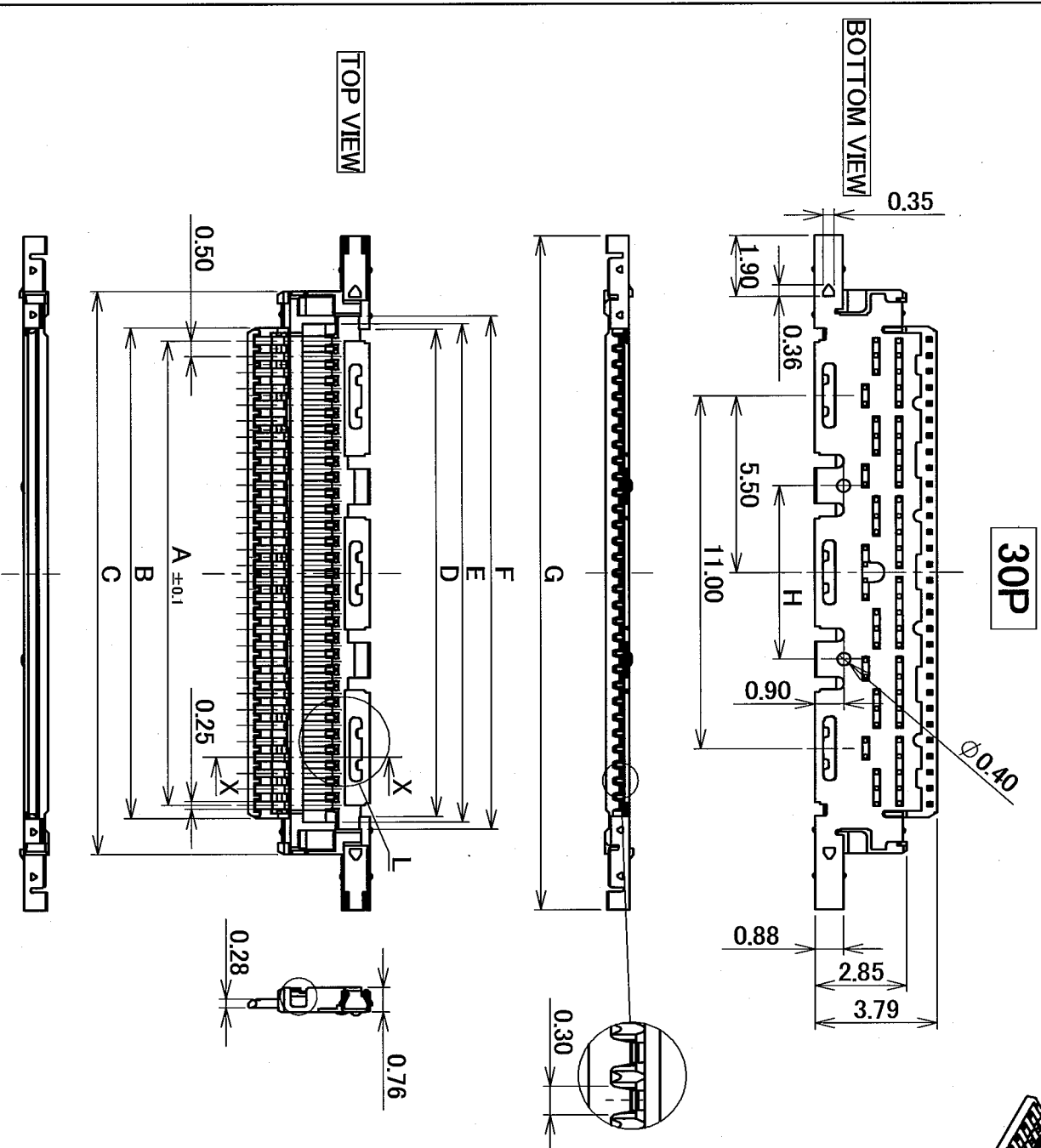
DESIGNED BY	DATE	CHKD BY	DATE	APPD BY	DATE	TITLE
Y. Nakamura	Aug. 10/13	J. Takahashi	Aug. 10/13	E. Kanabe	Aug. 10/13	CABLINE-VS PLUG HOUSING ASS'Y TYPE-A
REV	ECN	BY	DATE	APP	REV/RECORD	
0	23762	Y. Nakamura	Aug. 10/13			
SERIES No.	R9	CUSTOMER COPY	PROJECTION	SCALE	UNIT	DWG. No.
				5:1	mm	20454
					SHEET	REV.
					1/2	0

I-PEX DA-ICHI SEIKO CO., LTD.
I-PEx Business Company

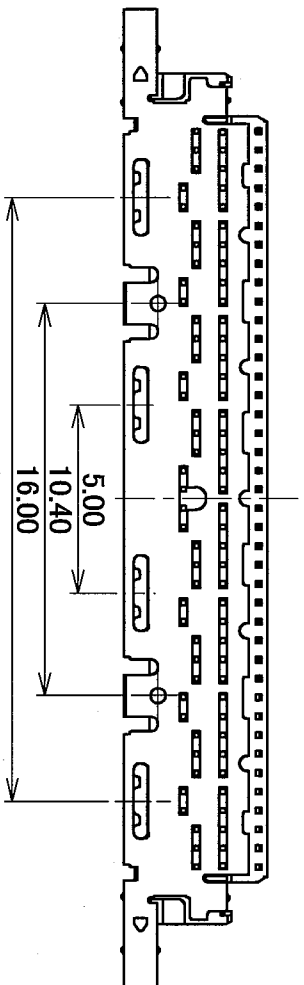
Confidential III C

PART NO.	POS.	A	B	C	D	E	F	G	H
◆20454-220T-01	20	9.50	10.30	12.56	10.20	10.55	11.00	16.00	-
◆20454-230T-01	30	14.50	15.30	17.56	15.20	15.55	16.00	21.00	5.40
◆20454-240T-01	40	19.50	20.30	22.56	20.20	20.55	21.00	26.00	10.40
20454-250T-01	50	24.50	25.30	27.56	25.20	25.55	26.00	31.00	15.40

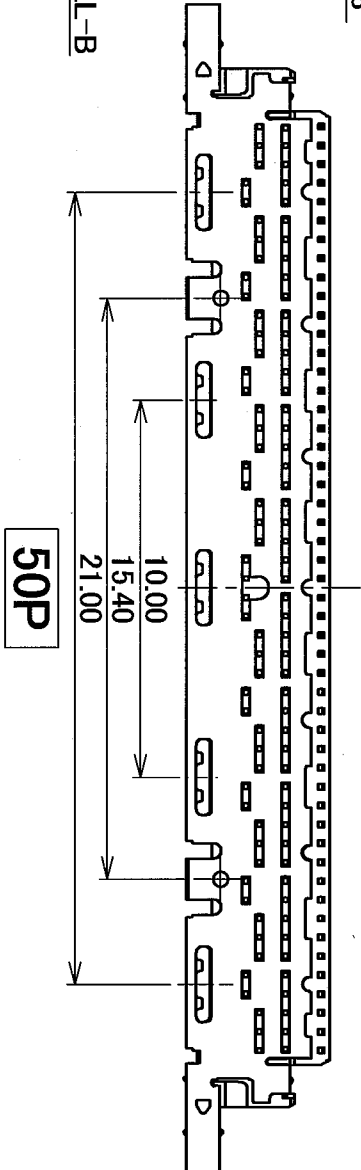
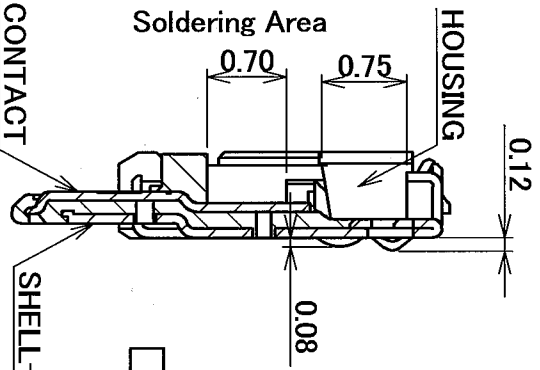
◆ MARK MEANS NOT AVAILABLE



20P



40P



50P

SECT. X-X
S=15:1

PATENT PENDING

P/N:20454-2**T-01
Pos.
TYPE-A

				DESIGNED BY	DATE
				CHKD BY	DATE
				APP'D BY	DATE
REV	ECN	BY	DATE	APP	
REV.RECORD				CUSTOMER COPY	
SERIES No.				R9	
				PROJECTION	
				SCALE	UNIT
				5:1	mm
				DWG. No.	20454
				SHEET	REV.
				2/2	0

I-PEX **DAI-ICHI SEIKO CO.,LTD.**
I-pex Business Company

CABLINE-VS
PLUG HOUSING ASS'Y TYPE-A

GENERAL TOLERANCE	
6 MAX.	±0.2
6 OVER MAX. 30	±0.3
30 OVER MAX. 120	±0.5
ANGLE	±2°

Confidential III C