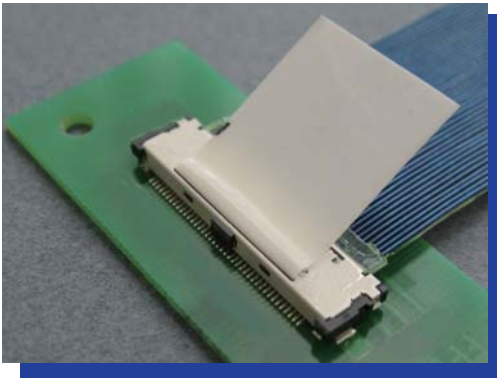




- Mating Height : 2.2mm
- Cable assembly by blanket soldering with different size cables for Micro Coax and Discrete wire
- Mated contact protected from flux overflow by special design
- Click sensation provides audible and tactile check for proper mating
- Soldering connection

【Number of Position】

30p, 40p, 50p

【Applicable Cable Size】

Micro Coax	AWG #32, #34, #36, #40
TWINCOAX	AWG #40
DISCRETE	AWG #32, #36

【Ordering Code】

PLUG Connector Set (for Cable)

Parts Ordering (HOUSING)

20438- 0 ** T - * **1**
 ① ② ③

Parts Ordering (SHELL)

2496-0 **
 ①

①	POS.	30: 30p, 40: 40p, 50: 50p	
②	Packaging	T	Tray
		E	Emboss Tape
③	C/T Plating Mating Side	0	Au (0.1~0.3 μ m)
		1	Au (0.3 μ m MIN.)
④	BOSS	1	Without
		2	With

RECEPTACLE Connector Set (for PC Board)

20439- 0 ** E - * *
 ① ② ③④

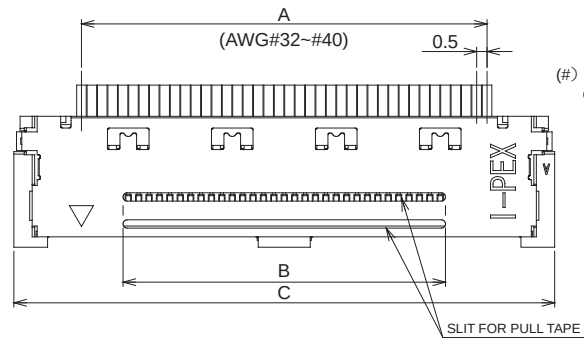
【Material / Finish】

Product	Parts	Material	Plating / Color
PLUG	HOUSING	LCP UL94V-0	BLACK
	CONTACT	COPPER ALLOY	Au
	SHELL	COPPER ALLOY	Sn
RECEPTACLE	HOUSING	LCP UL94V-0	BLACK
	CONTACT	COPPER ALLOY	Au
	SHELL	COPPER ALLOY	Sn

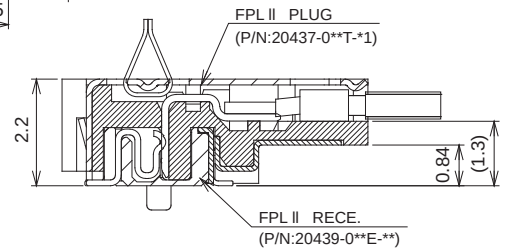
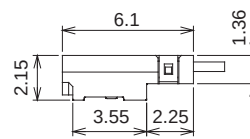
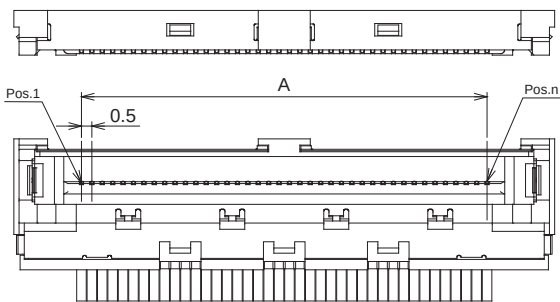
PLUG

Set P/N : 20437-0**T-*1

POS.	A	B	C
30p	14.5	10.5	20.8
40p	19.5	15.5	25.8
50p	24.5	20.5	30.8



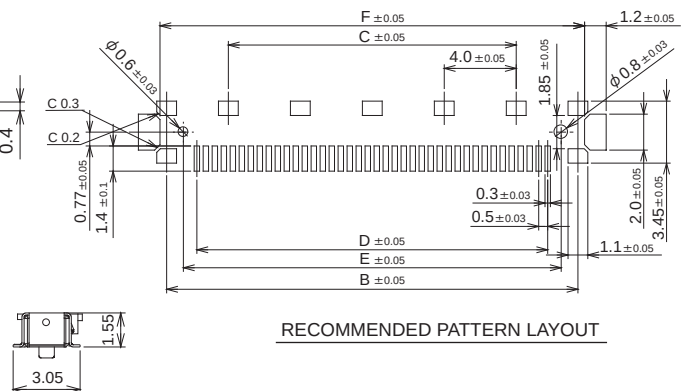
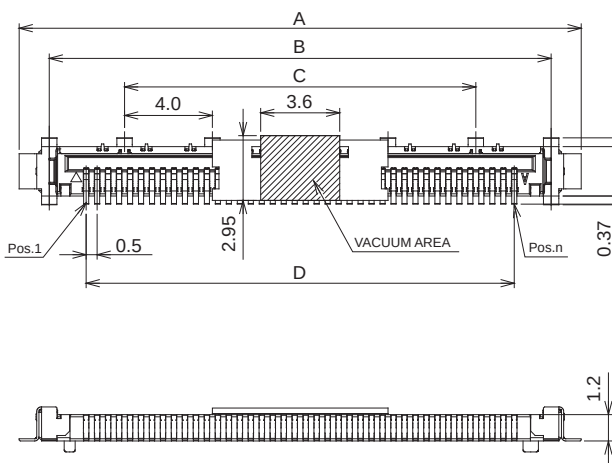
(#) Please contact us when you use wires other than those specified in the table



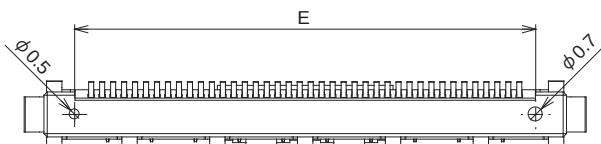
MATED VIEW

RECEPTACLE

POS.	PART NO.	A	B	C	D	E	F
30p	20439-030E-**	20.6	17.86	12.0	14.5	16.0	18.6
40p	20439-040E-**	25.6	22.86	16.0	19.5	21.0	23.6
50p	20439-050E-**	30.6	27.86	20.0	24.5	26.0	28.6



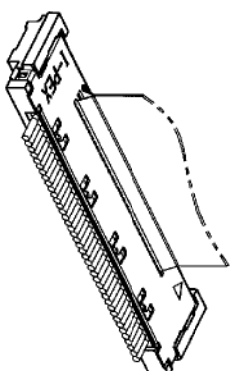
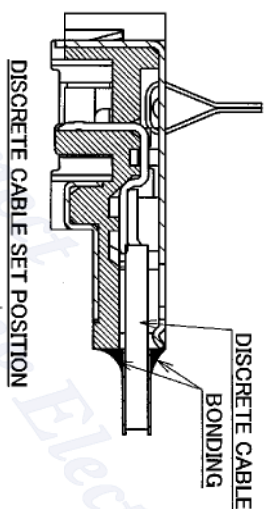
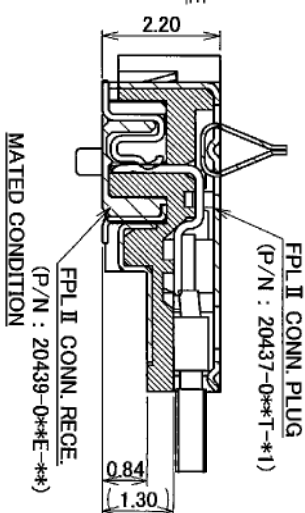
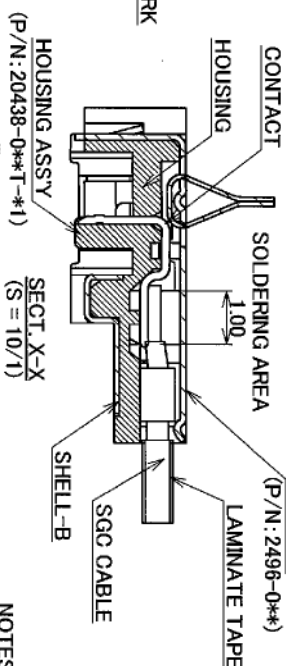
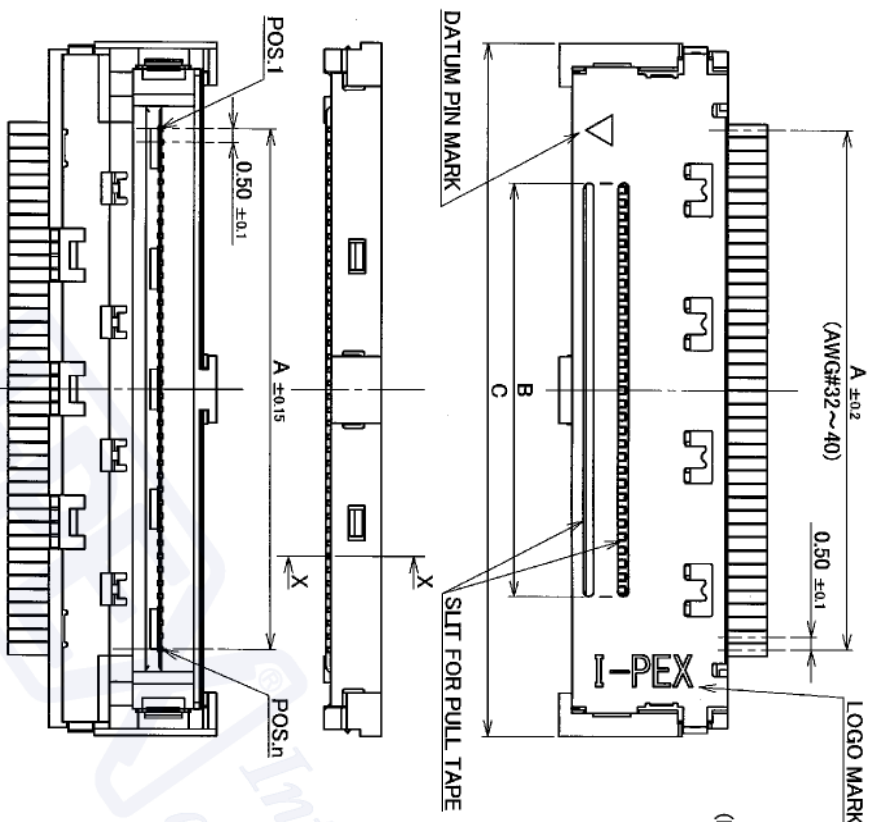
RECOMMENDED PATTERN LAYOUT



Recommended P/N 20437-0**T-01

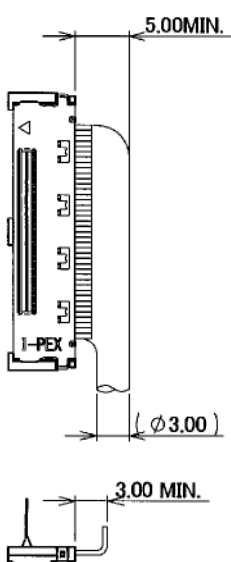
PART NO.	POS.	A	B	C
20437-030T-*1	30	14.50	10.50	20.80
20437-040T-*1	40	19.50	15.50	25.80
20437-050T-*1	50	24.50	20.50	30.80

PART NO.	HSG ASSY P/N	C/T FINISH(MATING SIDE)
20437-0**T-01	20438-0**T-01	Au 0.1~0.3 μ m
20437-0**T-11	20438-0**T-11	Au 0.3 μ m MIN.



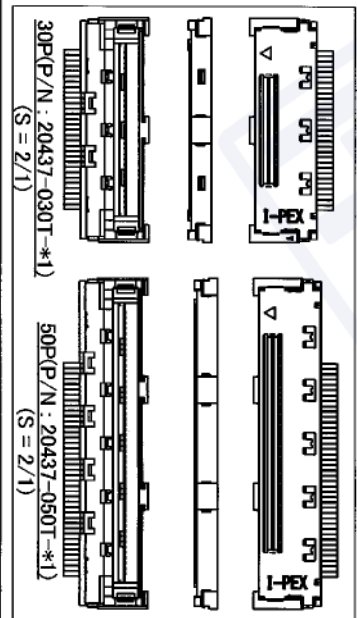
- NOTES
1. MATERIAL
 - HOUSING : HEAT RESISTING PLASTICS/GLASS REINFORCED) UL94V-0, BLACK
 - CONTACT : COPPER ALLOY
 - SHELL-A : COPPER ALLOY
 - SHELL-B : COPPER ALLOY
 2. PLATING
 - CONTACT : (P/N : 20437-0**T-01)
 - MATING SIDE : (P/N : 20439-0**E-**)
 - Au 0.1~0.3 μ m over Ni 1.27 μ m MIN.
 - OTHER : Au 0.05 μ m MIN, over Ni 1.27 μ m MIN.
 - MATING SIDE : (P/N : 20437-0**T-11)
 - Au 0.3 μ m MIN, over Ni 1.27 μ m MIN.
 - OTHER : Au 0.05 μ m MIN, over Ni 1.27 μ m MIN.

3. THE FOLLOWING DIMENSION IS RECOMMENDED WHEN THE CABLE IS BENT.
 - SHELL-A : Sn PLATING.
 - SHELL-B : Sn PLATING.



4. THE SHELL-A ASSEMBLE AFTER SOLDERED THE CABLE
 5. This is RoHS compliance connector
 6. Product specification No. : PRS-1383
- Instruction manual No. : HIM-09007
Assembly manual No. : ASM-07005

FPEX I-Pex Business Company

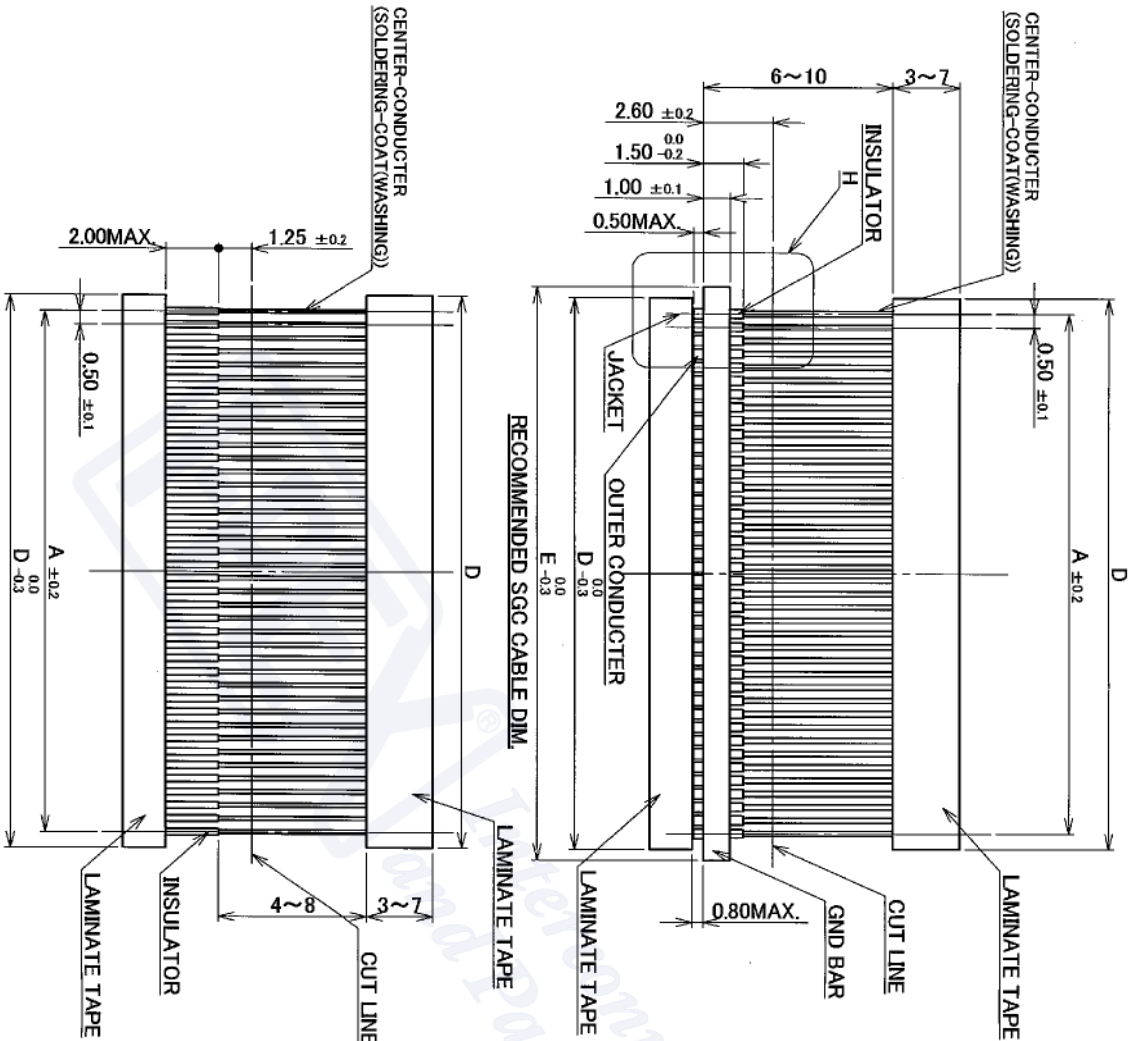


GENERAL TOLERANCE	
6 MAX.	± 0.2
6 OVER MAX. 30	± 0.3
30 OVER MAX. 120	± 0.5
ANGLE	$\pm 2^\circ$

SERIES No.	R5	CUSTOMER COPY	PROJECTION	SCALE	UNIT	DWG. No.	20437	SHEET	REV.
				5:1	mm			1/2	10

Recommended P/N 20437-0**T-01

PART NO.	POS.	A	D	E
20437-030T-*1	30	14.50	15.70	17.50
20437-040T-*1	40	19.50	20.70	22.50
20437-050T-*1	50	24.50	25.70	27.50

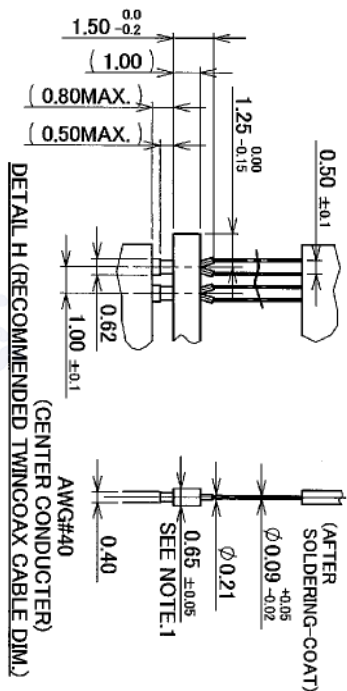


RECOMMENDED DISCRETE CABLE DIM.

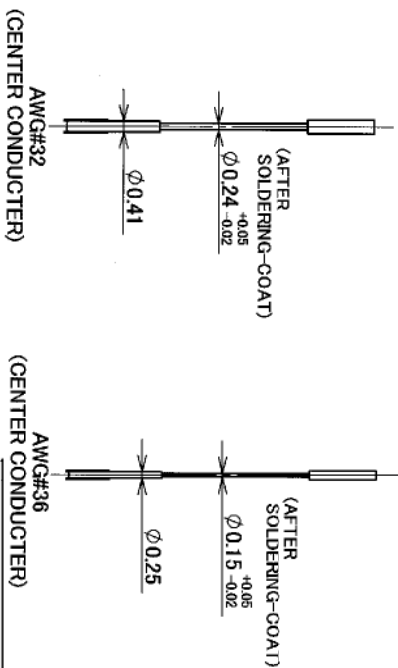
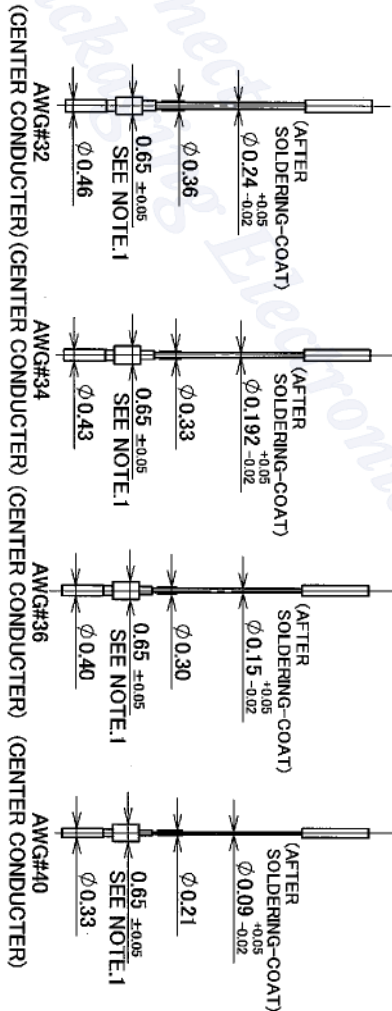
GENERAL TOLERANCE

6 MAX.	± 0.2
6 OVER MAX. 30	± 0.3
30 OVER MAX. 120	± 0.5
ANGLE	$\pm 2^\circ$

NOTE
1. THIS DIMENSION IS ALSO APPLIED TO THE CASE USING THE COMMON GND BAR



DETAIL H (RECOMMENDED TWINCOAX CABLE DIM.)



IPLEX DAHCHI SEIKO CO., LTD.
i-Pex Business Company

TITLE

FPL II CONN.
PLUG CABLE ASS'Y

SERIES No.	R5	CUSTOMER COPY	PROJECTION	SCALE	UNIT	DWG. No.	20437	SHEET	REV.
				5:1	mm			2/2	10