

FPL Standard type 0.5mm Pitch Right Angle Type



- 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
- Mating Height : 4.3mm
- 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)

20320- * ** T - **
 ① ② ③ ④

Parts Ordering (SHELL)

1968-0 ** 2
 ②

RECEPTACLE Connector Set (for PC Board)

20323- * ** E - * * *
 ① ② ③ ⑤ ⑥ ⑦ ⑧

①	HOUSING Material	0	—
		R	Red Phosphorus Free (30p, 40p only)
②	POS.	30: 30p, 40: 40p, 50: 50p	
③	Packaging	T	トレイ
		E	エンボステープ
④	PLUG C/T Plating (Mating Side)	11	Au (0.2 μ m MIN.)
		41	Au (0.3 μ m MIN.)
⑤	DATE CODE	—	Without
		D	With
⑥	RECEPTACLE C/T Plating (Mating Side)	1	Au (0.2 μ m MIN.)
		4	Au (0.3 μ m MIN.)
⑦	BOSS	1	With
		2	Without
⑧	ADHESION TAPE	NON	L= 6.0±1.0
		1	L= 18.0±1.0
		2	NOTHING

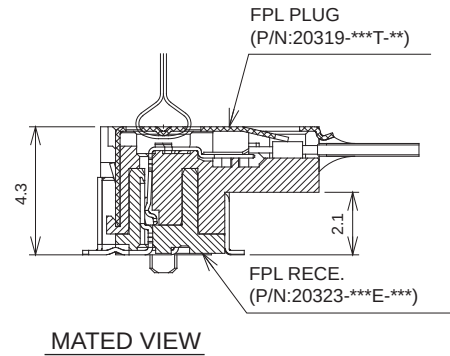
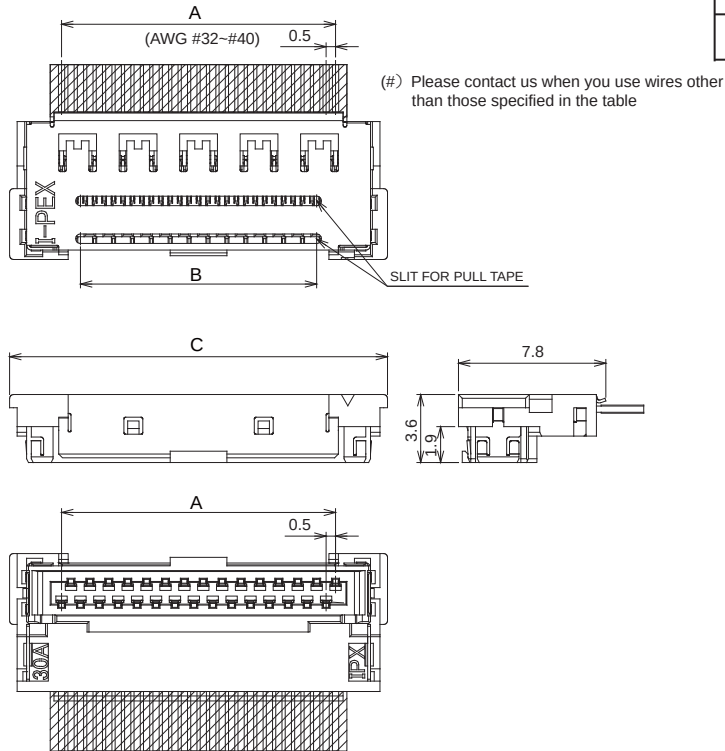
【Material / Finish】

Product	Parts	Material	Plating / Color
PLUG	HOUSING	LCP UL94V-0	NATURAL
	CONTACT	COPPER ALLOY	Au
	SHELL	COPPER ALLOY	Sn-Cu
RECEPTACLE	HOUSING	LCP UL94V-0	NATURAL
	CONTACT	COPPER ALLOY	Au
	HOLD DOWN	COPPER ALLOY	Sn-Cu

PLUG

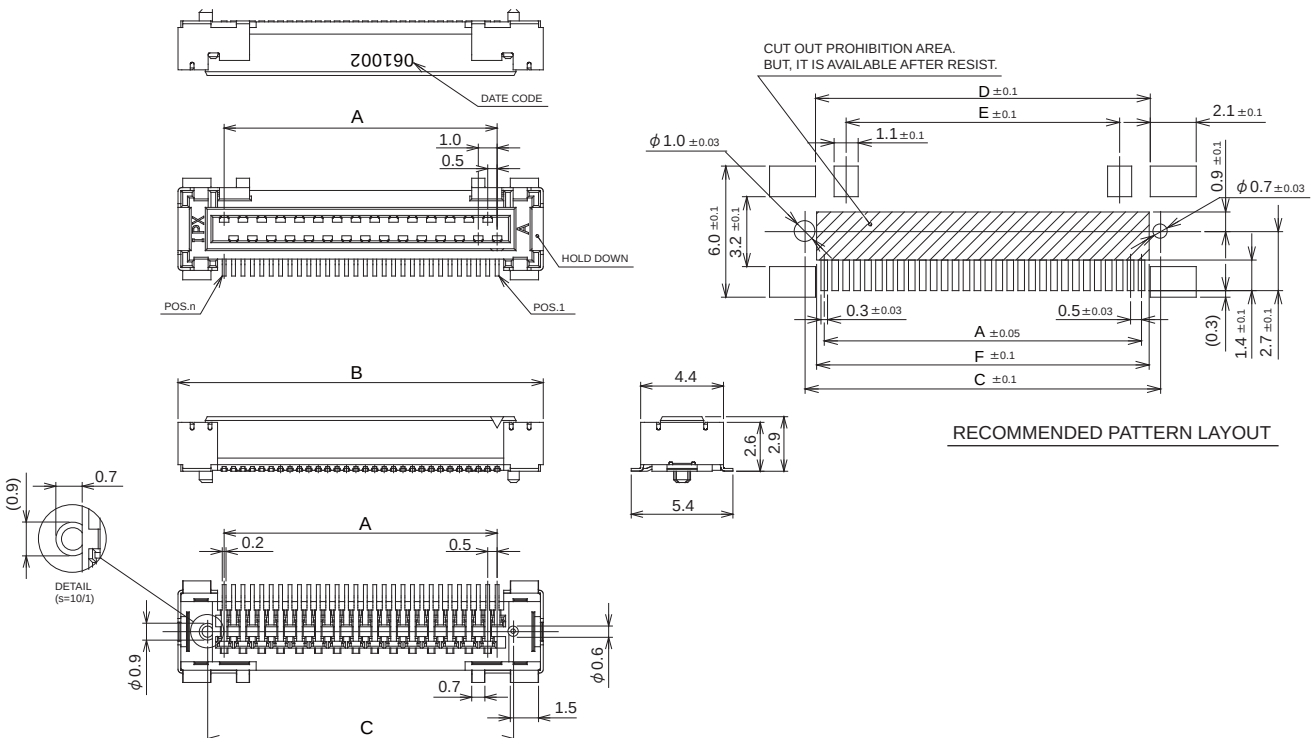
Set P/N: 20319-***T-**

POS.	A	B	C	PULL TAPE WIDTH
30p	14.5	12.5	20.0	12.0
40p	19.5	12.5	25.0	12.0
50p	24.5	19.5	30.0	19.0



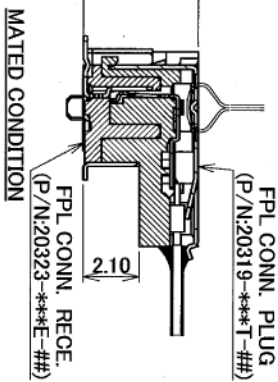
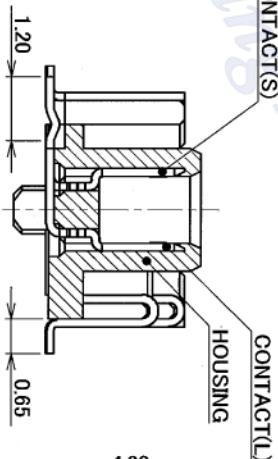
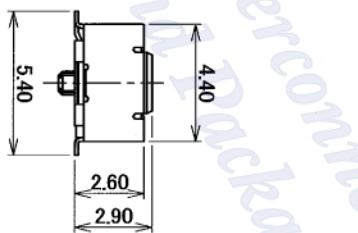
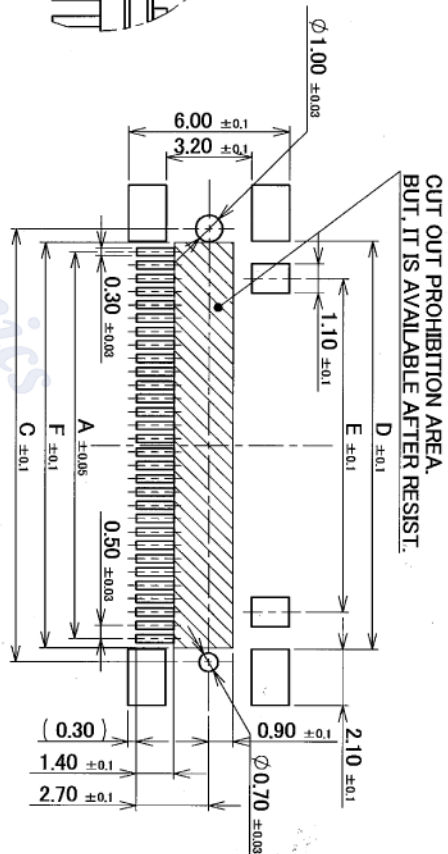
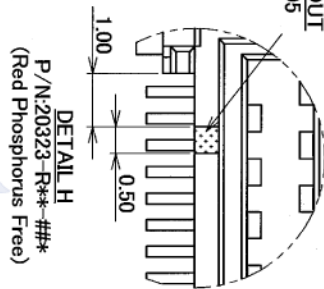
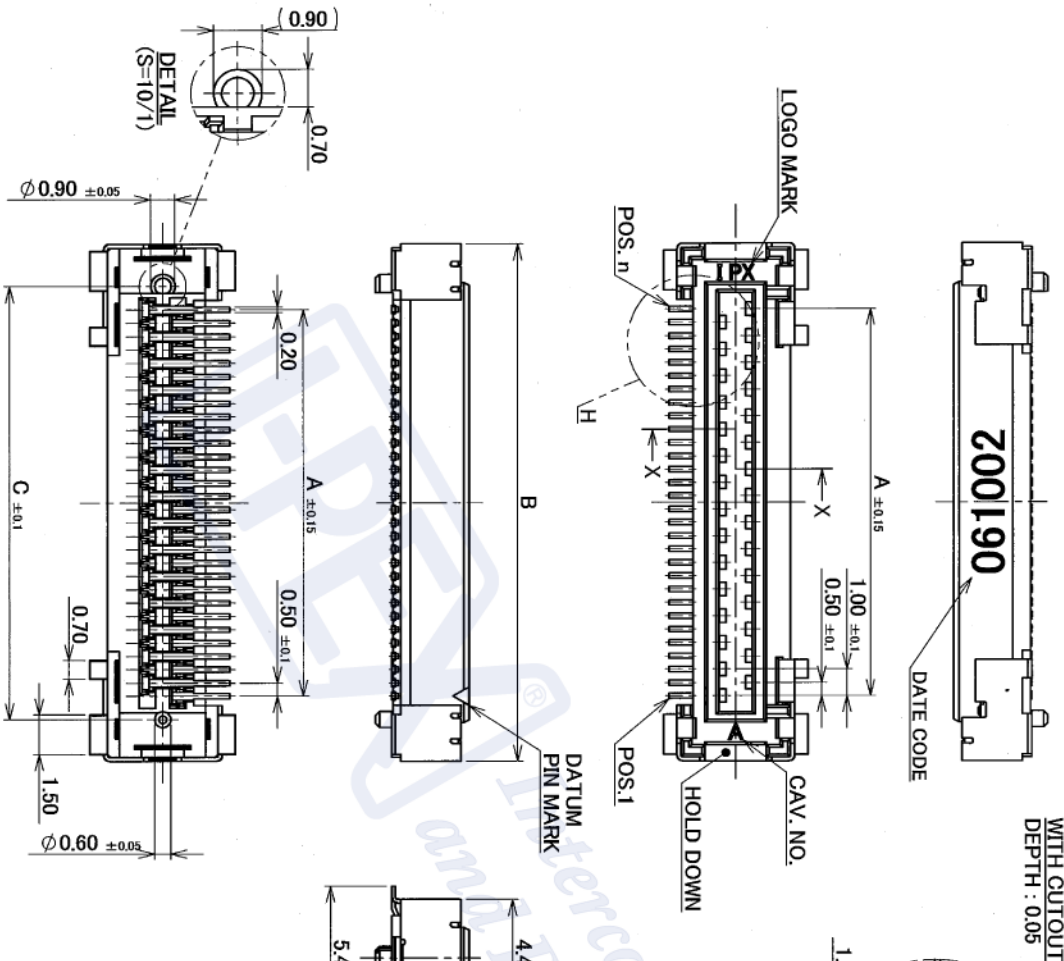
RECEPTACLE

POS.	PART NO.	A	B	C	D	E	F
30p	20323-*30E-***	14.5	19.4	16.25	15.3	12.5	15.2
40p	20323-*40E-***	19.5	24.4	21.25	20.3	17.5	20.2
50p	20323-*50E-***	24.5	29.4	26.25	25.3	22.5	25.2



POS.	PART NO.	A	B	C	D	E	F	REMARK
30P	20323-030E-###	14.5	19.4	16.25	15.3	12.5	15.2	Red Phosphorus Free
40P	20323-040E-###	19.5	24.4	21.25	20.3	17.5	20.2	Red Phosphorus Free
50P	20323-050E-###	24.5	29.4	26.25	25.3	22.5	25.2	Red Phosphorus Free
◆	20323-R50E-###							Red Phosphorus Free

◆ MARK MEANS NOT AVAILABLE.



SECT. X-X
(S=10/1)

- NOTES
1. MATERIAL
 - HOUSING : LCP(GLASS REINFORCED)
 - CONTACT : UL94V-0, COLOR-NATURAL
 - HOLD DOWN : COPPER ALLOY
 - ADHESION TAPE : PI
 2. Product specification No. : PRS-1198
 3. Instruction manual No. : HIM-06003
 4. COPLANARITY : 0.1 MAX.
 5. RoHS Compliant

IPEX DAICHI SEIKO CO.LTD.
I-Pex Business Company

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

PATENT PENDING

SERIES No. R5

CUSTOMER COPY

PROJECTION

SCALE 5:1

UNIT mm

DWG. No. 20323

SHEET 1/2

REV. 16

Part No.	G
20323-30E-##W	13.00
20323-40E-##W	18.00

20323-***E-##*

HOUSING MATERIAL TYPE No.
20323-0**-## ...LCP
20323-R**-## ...LCP (Red Phosphorus Free)

POS. NO.

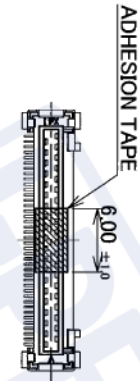
DATE CODE No.
20323-***E-## ...WITHOUT DATE CODE
20323-***ED## ...WITH DATE CODE

ADHESION TAPE No.
20323-***E-## ...WITHOUT MARK : ADHESION TAPE LENGTH = 6.0±1.0
20323-***E-##W ...W MARK : ADHESION TAPE LENGTH = G±1.0
20323-***E-##N ...N MARK : NOTHING ADHESION TAPE

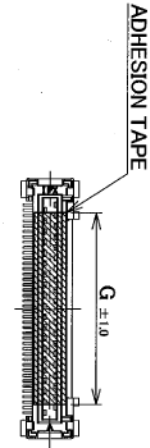
BOSS No.
20323-***E-#1 ...WITH BOSS
20323-***E-#2 ...WITHOUT BOSS

CONTACT PLATING TYPE No.
20323-***E-1# ...Au 0.2μm MIN (MATING SIDE)
20323-***E-4# ...Au 0.3μm MIN (MATING SIDE)

PART NO.	BOSS	DATE CODE	G/T FINISH(MATING SIDE)	G/T FINISH(TAIL SIDE)	H/D FINISH
20323-***E-11	WITH	WITHOUT	Au (0.2μm MIN.)	Au (0.03~0.07μm.)	Sn-Cu
20323-***E-12	WITHOUT	WITHOUT			
20323-***ED11	WITH	WITH			
20323-***ED12	WITHOUT	WITHOUT	Au (0.3μm MIN.)	Au (0.03~0.07μm.)	Sn-Cu
20323-***E-41	WITH	WITHOUT			
20323-***E-42	WITHOUT	WITHOUT			
20323-***ED41	WITH	WITH	WITH	WITH	
20323-***ED42	WITHOUT	WITHOUT			



DIMENSIONS OF ADHESION TAPE (P/N:20323-***E-##)



DIMENSIONS OF ADHESION TAPE (P/N:20323-***E-##W)

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

PATENT PENDING

I-PEX DAICHI SEIKO CO.,LTD.
I-Pex Business Company

TITLE	SCALE	UNIT	DWG. No.	SHEET	REV.
FPL CONN. RECE. ASS'Y (FOR#32~#40)	5:1	mm	20323	2/2	16