

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

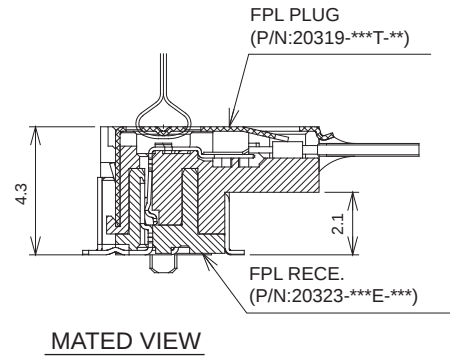
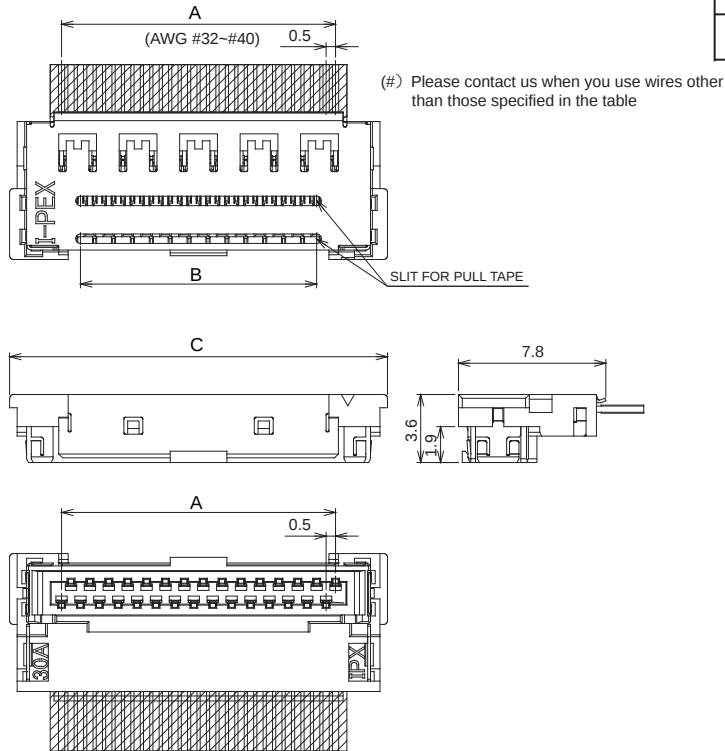
【Material / Finish】

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

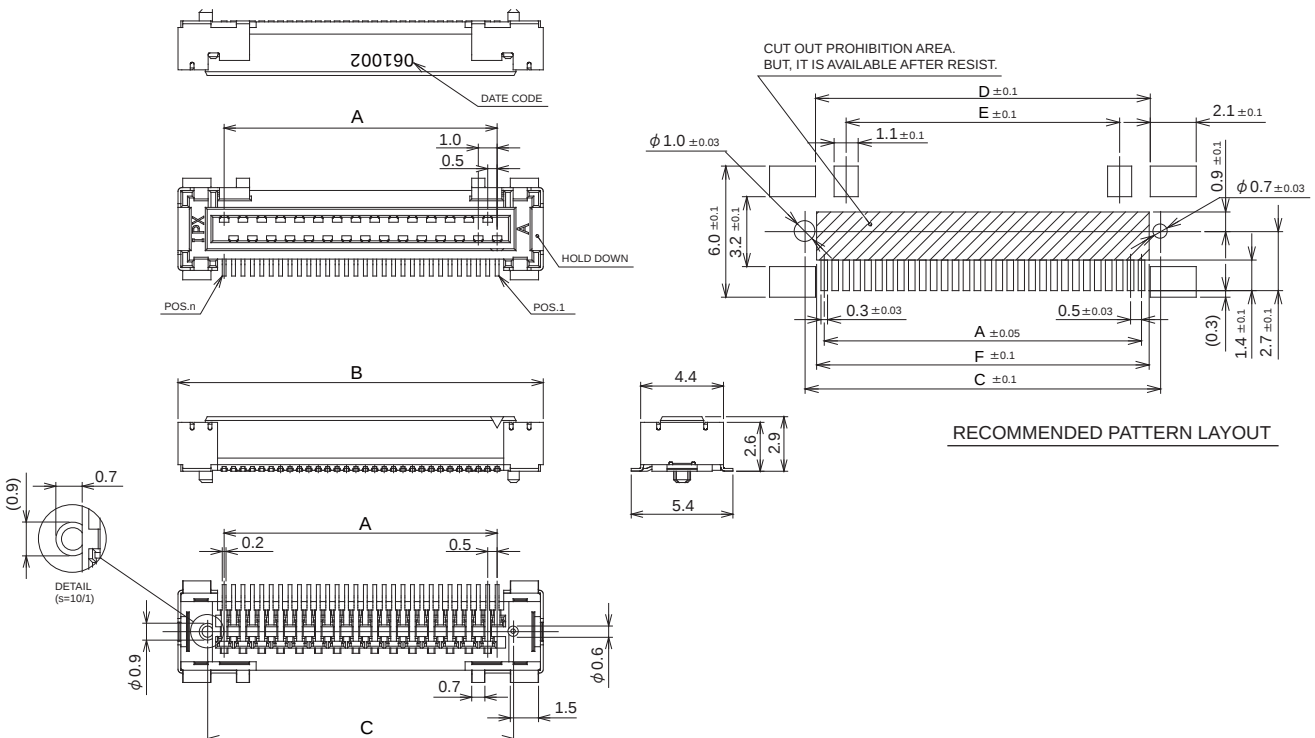
Set P/N: 20319-***T-**

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

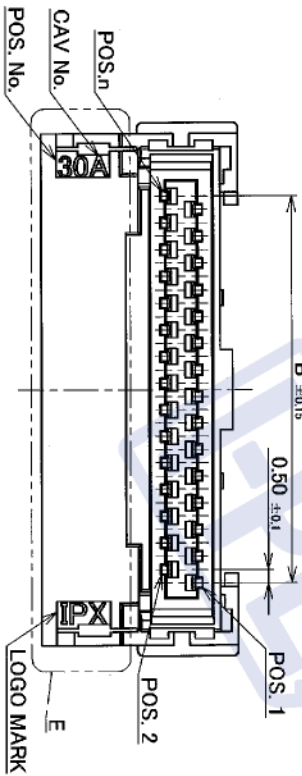
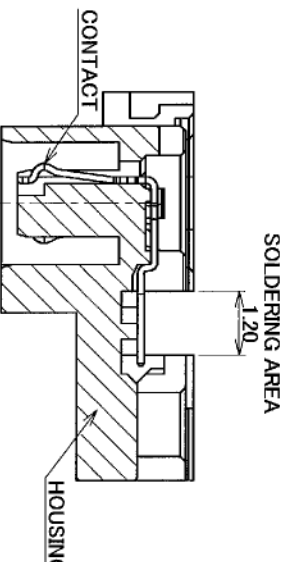
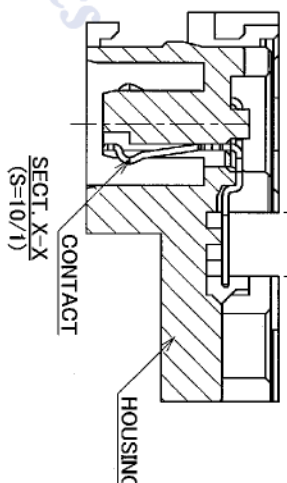
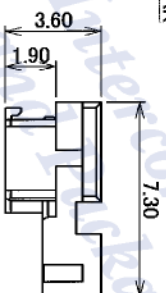
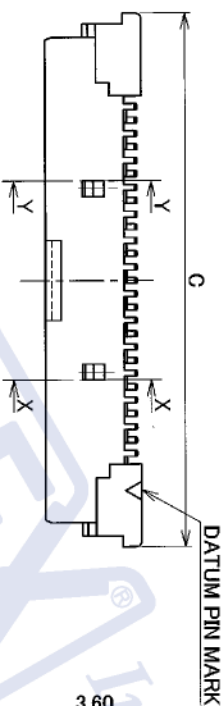
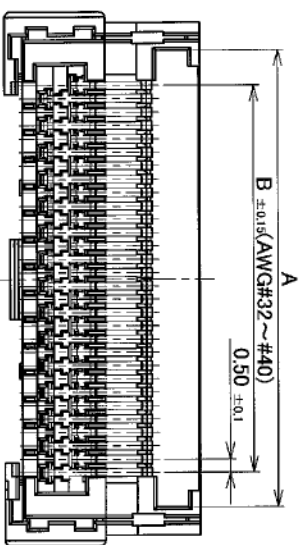
POS.	PART NO.	A	B	C	D	E	F
30p	20323-30E-***	14.5	19.4	16.25	15.3	12.5	15.2
40p	20323-40E-***	19.5	24.4	21.25	20.3	17.5	20.2
50p	20323-50E-***	24.5	29.4	26.25	25.3	22.5	25.2



POS.	PART NO.	A	B	C	REMARK
30P	20320-030T-#1	17.1	14.5	20.0	Red PhosphorusFree
	20320-R30T-#1				W-Point C/T Ver. & R/P Free
40P	20320-040T-#1	22.1	19.5	25.0	Red PhosphorusFree
	20320-R40T-#1				W-Point C/T Ver. & R/P Free
50P	20320-050T-#1	27.1	24.5	30.0	Red PhosphorusFree
	20320-R50T-#1				

◆ MARK MEANS NOT AVAILABLE.

PART NO.	C/T FINISH(MATING SIDE)	C/T FINISH(CABLE SIDE)
20320-***T-11	Au (0.2 μ m MIN.)	Au (0.03 μ m MIN.)
20320-R***T-12	Au (0.3 μ m MIN.)	Au (0.03 μ m MIN.)
20320-***T-41	Au (0.3 μ m MIN.)	Au (0.03 μ m MIN.)



- NOTES
1. MATERIAL
- HOUSING : COP (GLASS REINFORCED), UL 94V-0
COLOR-NATURAL (P/N: 20320-***-##)
COLOR-BLACK (P/N: 20320-R***-12)
 2. CONTACT : COPPER ALLOY
- THIS PART IS ASSEMBLED WITH SHELL (1968-0**2)
AFTER SOLDERED THE COAXIAL CABLE, AND IT BECOMES P/N: 20319-***T-##.
 3. RoHS Compliant

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

TITLE

FPL CONN. PLUG
HOUSING ASSY
(For AWG#32~#40)

CUSTOMER	PROJECTION	SCALE	UNIT	DWG. No.	SHEET	REV.
COPY		5:1	mm	20320	1/1	8

PATENT PENDING

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