

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

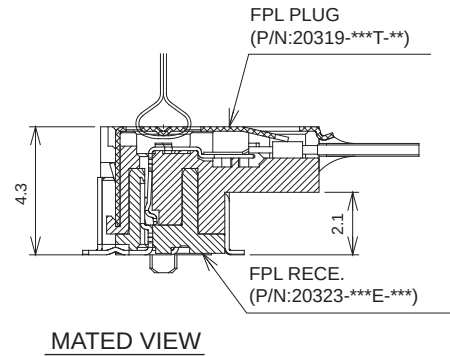
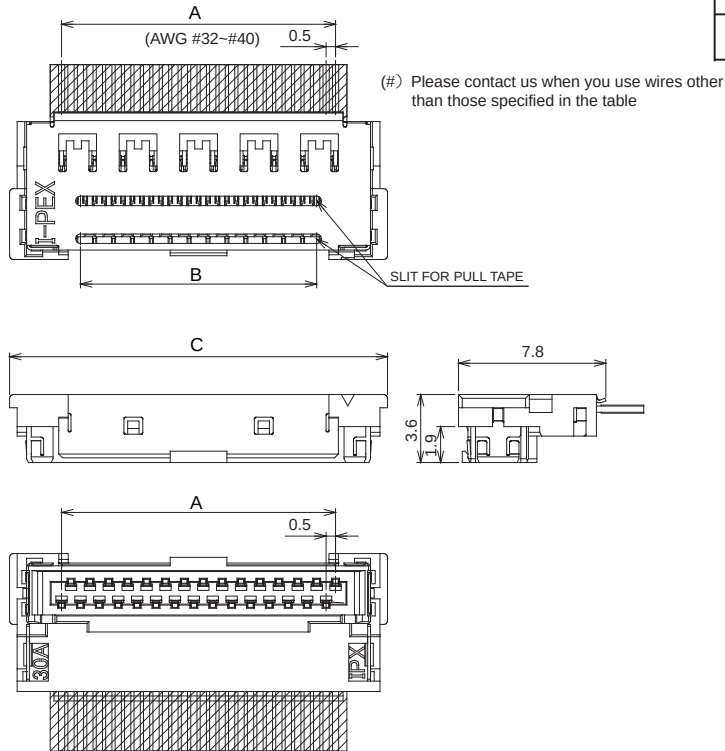
【Material / Finish】

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

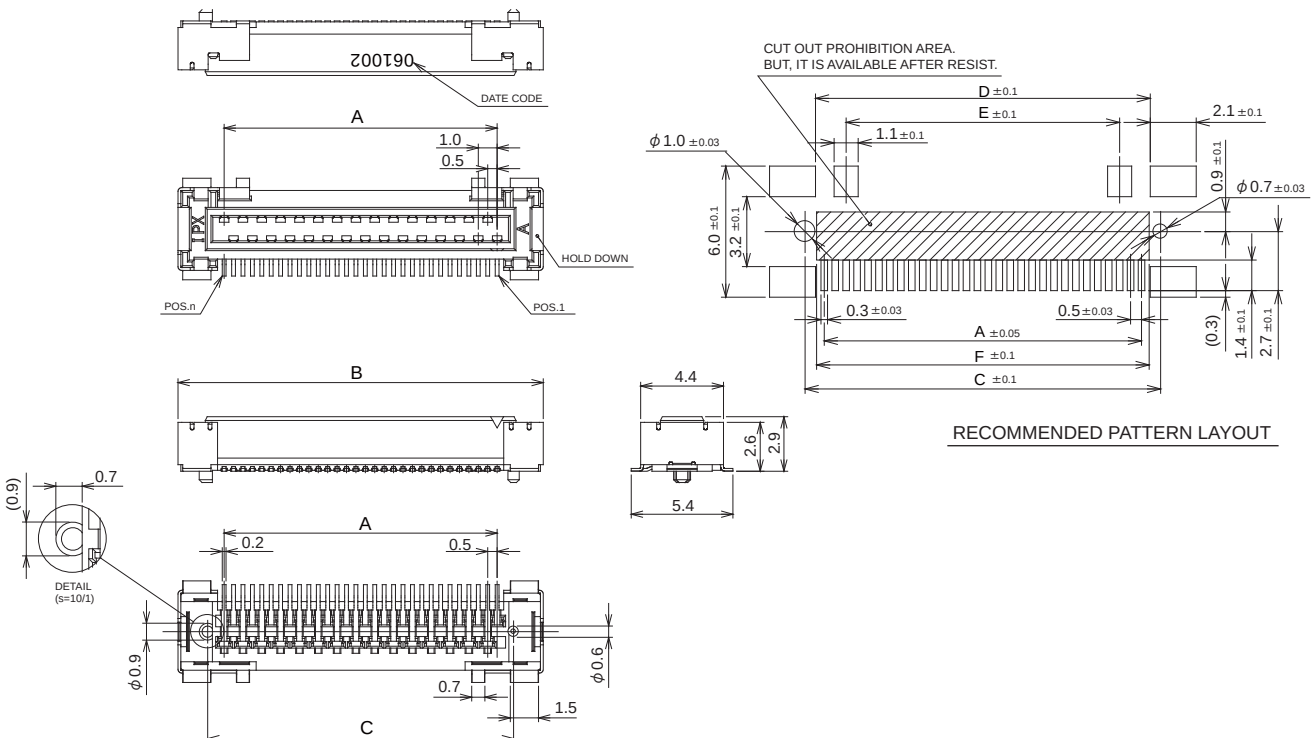
Set P/N: 20319-***T-**

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

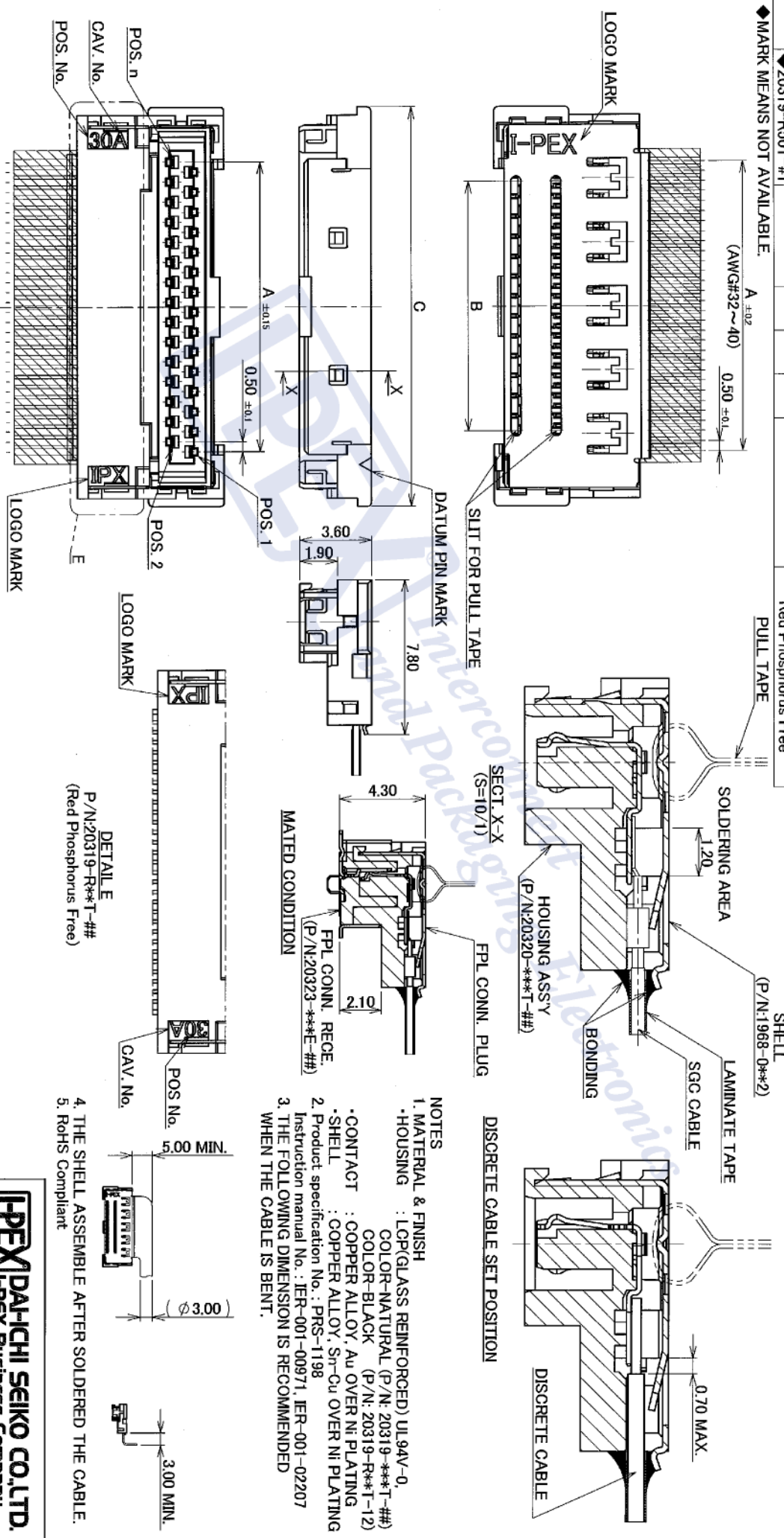
POS.	PART NO.	A	B	C	D	E	F
30p	20323-*30E-***	14.5	19.4	16.25	15.3	12.5	15.2
40p	20323-*40E-***	19.5	24.4	21.25	20.3	17.5	20.2
50p	20323-*50E-***	24.5	29.4	26.25	25.3	22.5	25.2



POS.	PART NO.	SHELL P/N	A	B	C	PULL TAPE WIDTH	REMARK
30P	20319-030T-#1	1968-030※	14.5	12.5	20.0	12.0	Red Phosphorus Free
	20319-R30T-#1						W-Point C/T Ver. & R/P Free
40P	20319-040T-#1	1968-040※	19.5	12.5	25.0	12.0	Red Phosphorus Free
	20319-R40T-#1						W-Point C/T Ver. & R/P Free
50P	20319-050T-#1	1968-050※	24.5	19.5	30.0	19.0	Red Phosphorus Free
	20319-R50T-#1						

◆ MARK MEANS NOT AVAILABLE.

PART NO.	HSG ASS'Y P/N	SHELL P/N	C/T FINISH(MATING SIDE)	C/T FINISH(CABLE SIDE)	SHELL FINISH
20319-***T-11	20320-***T-11		Au (0.2 μ m MIN.)	Au (0.03 μ m MIN.)	Sn-Cu
20319-R***T-12	20320-R***T-12	1968-0***2	Au (0.3 μ m MIN.)	Au (0.03 μ m MIN.)	
20319-***T-41	20320-***T-41				



- NOTES**
1. MATERIAL & FINISH
 • HOUSING : LCP(GLASS REINFORCED) UL94V-0, COLOR-NATURAL (P/N: 20319-***T-##)
 • CONTACT : COPPER ALLOY, Au OVER Ni PLATING
 • SHELL : COPPER ALLOY, Sn-Cu OVER Ni PLATING
 • SOLDER : COPPER ALLOY, Sn-Cu OVER Ni PLATING
 2. Product specification No. : PRS-1198
 Instruction manual No. : IER-001-00971, IER-001-02207
 3. THE FOLLOWING DIMENSION IS RECOMMENDED WHEN THE CABLE IS BENT.

4. THE SHELL ASSEMBLY AFTER SOLDERED THE CABLE.
 5. RoHS Compliant

IPEX DAICHI SEIKO CO., LTD.
 IPEX Business Company

FPL CONN.
 PLUG FOR CABLE ASS'Y
 (For AWG#32~#40)

TITLE	CUSTOMER COPY	PROJECTION	SCALE	UNIT	DWG. No.	SHEET	REV.
			5:1	MM	20319	1/2	9

PATENT PENDING

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

