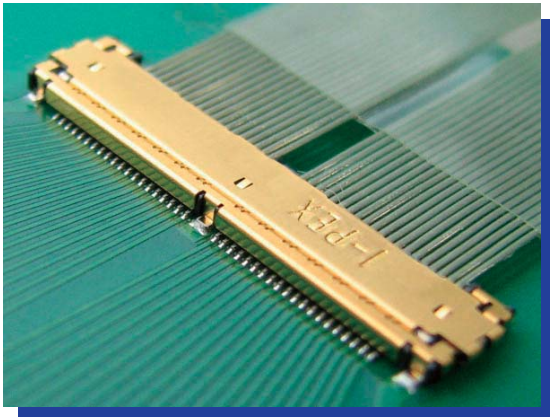




- Mating Height : 1.0mm
- Applicable Cable Size : Micro Coax
AWG #46, #44, #42
- **W-Point** Contact with High mating reliability
- Enhanced Shielding and Grounding performance
- Guide to insure an easier mating process
- Soldering connection

【Number of Position】

20p, 30p, 36p, 40p

【Ordering Code】

PLUG Connector Set (for Cable)

Parts Ordering (HOUSING)

20419- 0 ** T
 ① ②

Parts Ordering (Cover)

2452-0 **
 ①

RECEPTACLE Connector Set
 (for PC Board)

20418- 0 ** E - 00
 ① ②

【Applicable Cable Size】

Micro Coax	AWG #42, #44, #46
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①	POS.	20: 20pos	30: 30pos	36: 36pos	40: 40pos
②	Packaging	T	Tray		

①	POS.	20: 20pos	30: 30pos	36: 36pos	40: 40pos
②	Packaging	E	Emboss Tape		

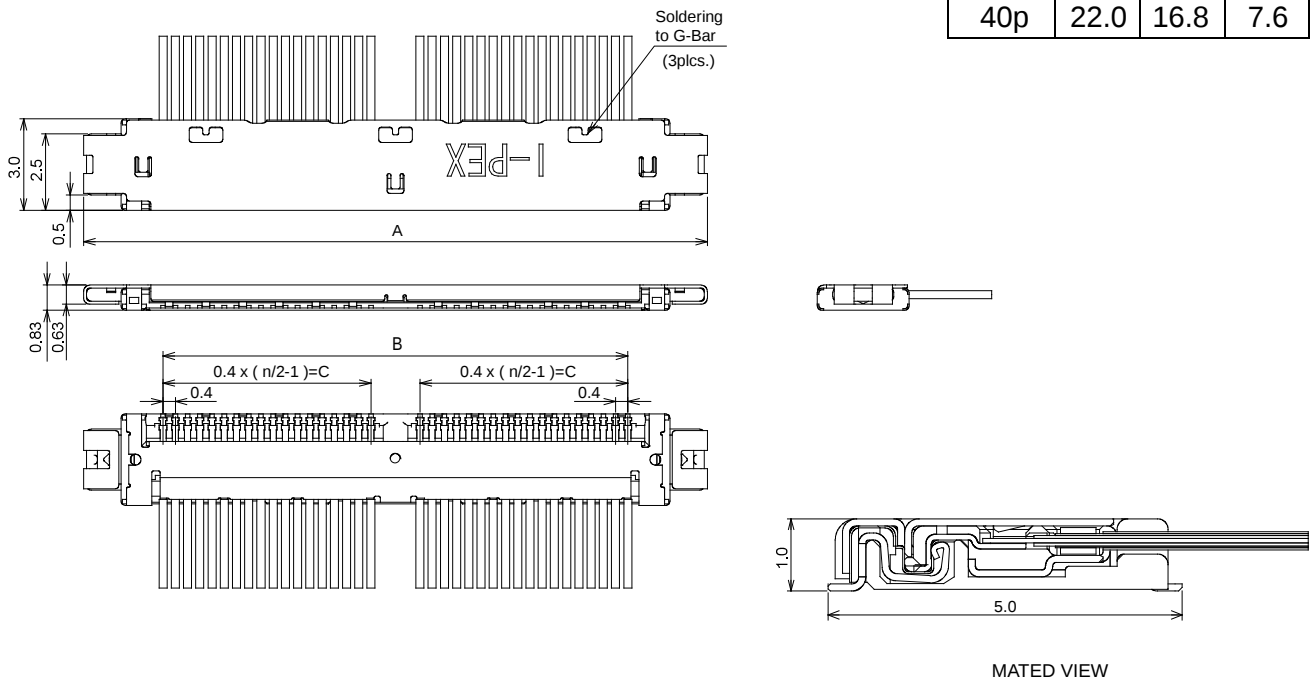
【Material / Finish】

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

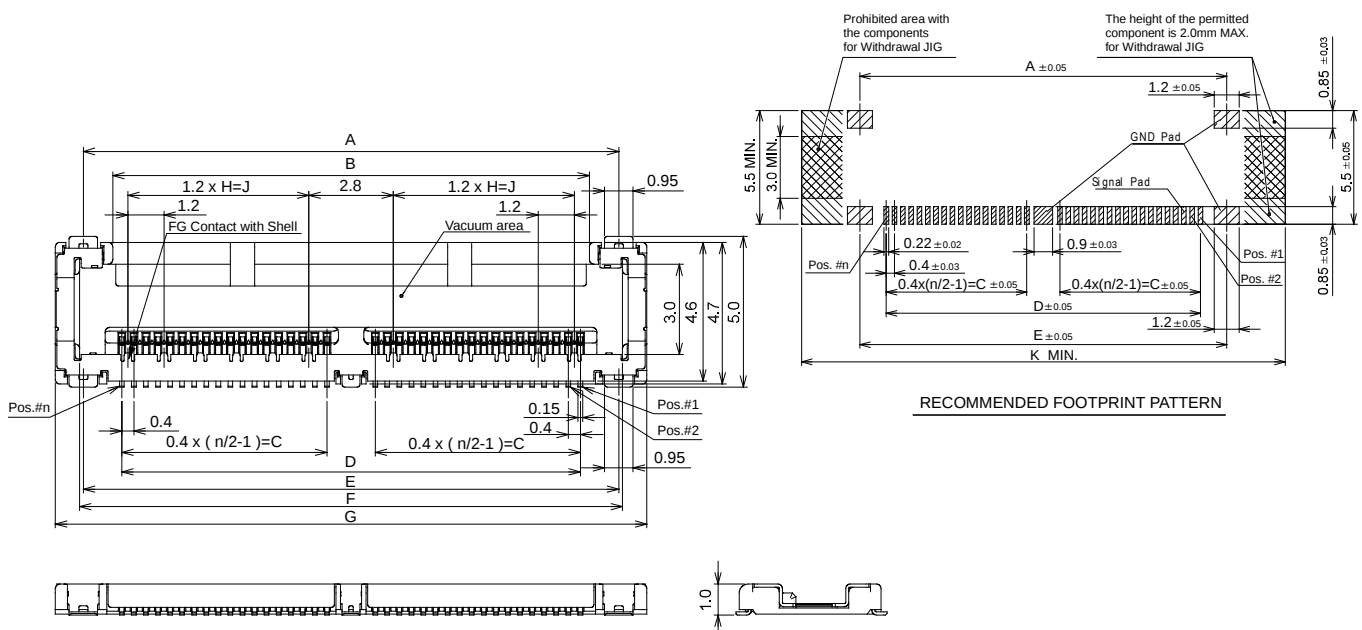
PLUG

Set P/N: 20420-0**

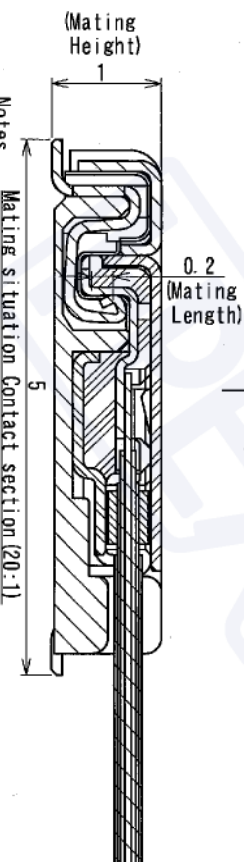
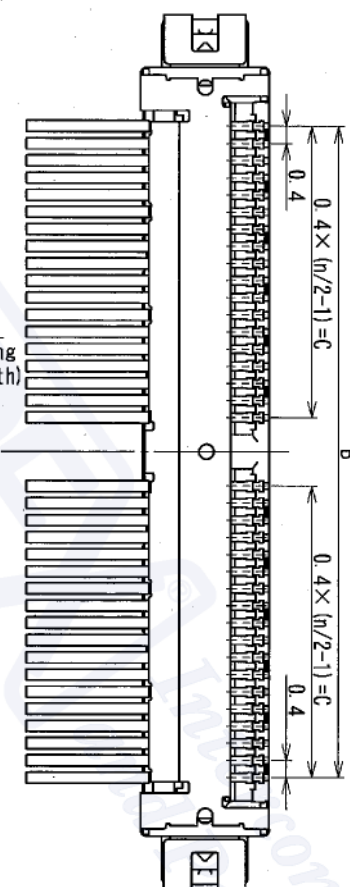
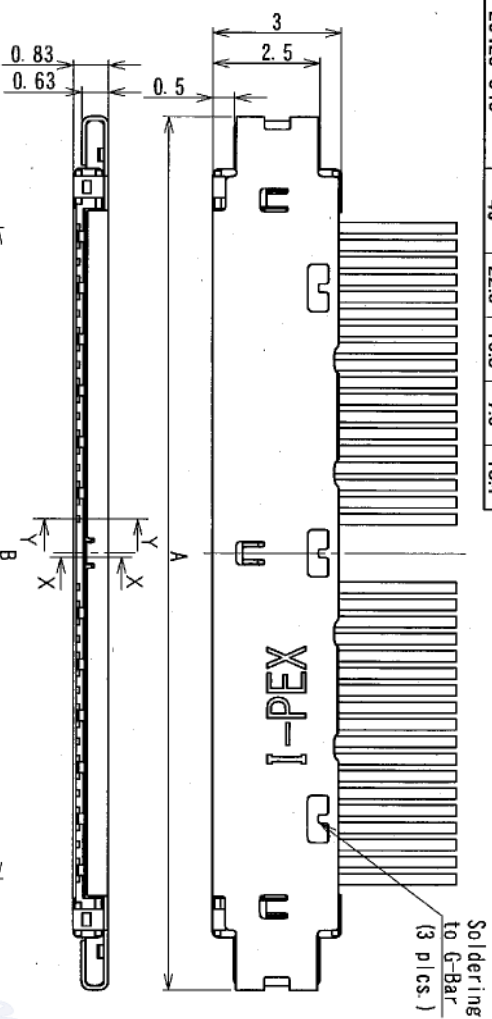
POS.	A	B	C
20p	14.0	8.8	3.6
30p	18.0	12.8	5.6
36p	20.4	15.2	6.8
40p	22.0	16.8	7.6

**RECEPTACLE**

POS.	PART NO.	A	B	C	D	E	F	G	H	J	K
20p	20418-020E-00	11.35	9.4	3.6	8.8	11.35	11.6	13.2	2	2.4	17.0
30p	20418-030E-00	15.35	13.4	5.6	12.8	15.35	15.6	17.2	4	4.8	21.0
36p	20418-036E-00	17.75	15.8	6.8	15.2	17.75	18.0	19.6	5	6	23.4
40p	20418-040E-00	19.35	17.4	7.6	16.8	19.35	19.6	21.2	5	6	25.0



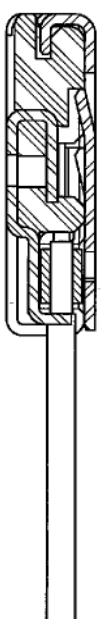
Recommended P/N		20420-0**				
PART No.	Pos. (m)	A	B	C	D	
20420-020	20	14.0	8.8	3.6	10.1	
20420-030	30	18.0	12.8	5.6	14.1	
20420-036	36	20.4	15.2	6.8	16.5	
20420-040	40	22.0	16.8	7.6	18.1	



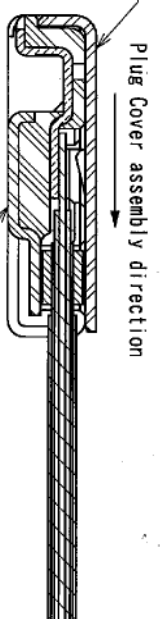
- Notes**
1. To handle this connector, you must read and follow the instruction manuals below.
- (1)-PEX Technical report)
- IER-001-02810 (English)
- IER-001-02385 (English and Japanese)

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

Confidential III C



X-X Section (20:1)

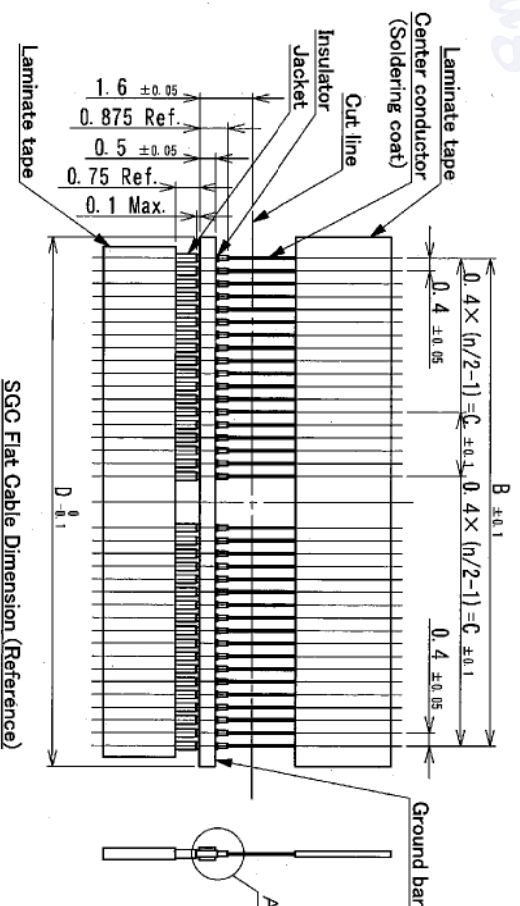
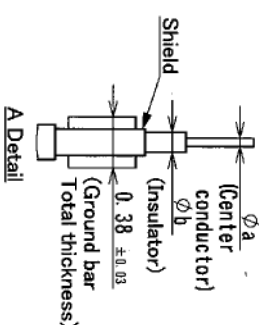


Plug Cover
P/N: 2452

Plug Cover assembly direction
→

Plug Housing Ass'y
P/N: 20419
Y-Y Section (20:1)

○ Cable size (Reference)		
Size	a DIM.	b DIM.
AWG#42	0.075	0.18
AWG#44	0.063	0.15



SGC Flat Cable Dimension (Reference)

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

CABLIN-UB Plug Cable Ass'y
(Imm height Vertical mating type)

SERIES No.	R1	CUSTOMER	PROJECTION	SCALE	UNIT	DWG. No.
		COPY		8:1	mm	20420

QKE-DFDE06-02 REV.7