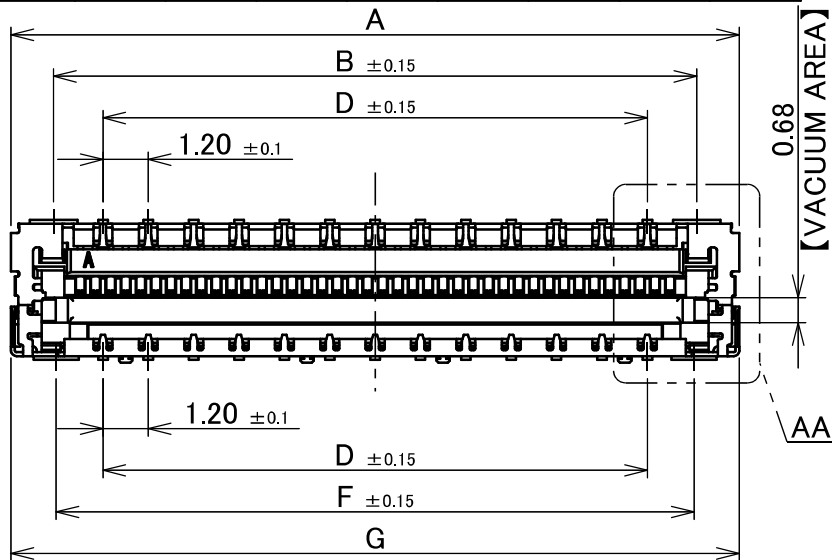


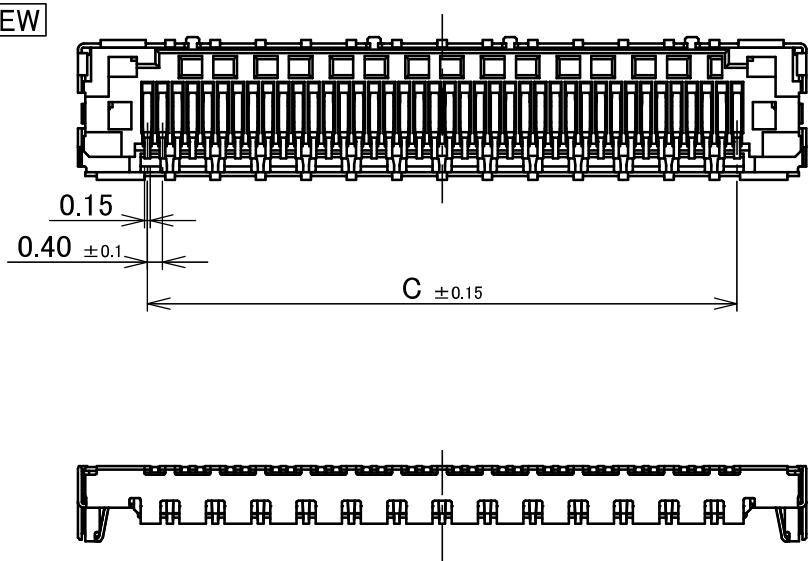
Recommended P/N20879-0**E-01

PART NO.	Pos.	A	B	C	D	E	F	G	H
20879-030E-#1	30	15.27	13.01	11.60	9.60	12.07	12.88	15.27	13.65
20879-040E-#1	40	19.27	17.01	15.60	14.40	16.07	16.88	19.27	17.65
20879-050E-#1	50	23.27	21.01	19.60	17.60	20.07	20.88	23.27	21.65
20879-060E-#1	60	27.27	25.01	23.60	21.60	24.07	24.88	27.27	25.65
20879-070E-#1	70	31.27	29.01	27.60	26.40	28.07	28.88	31.27	29.65

TOP VIEW



BOTTOM VIEW

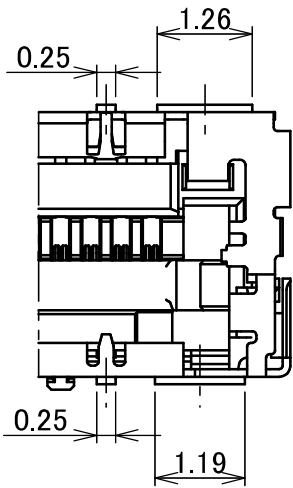


PATENT PENDING

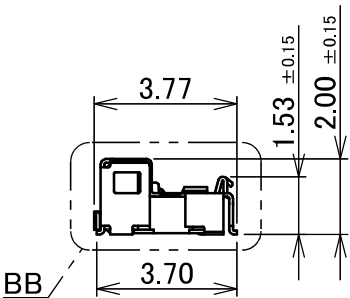
P/N : 20879-0**E-##

1 : NARROW GROUND PIN TYPE
2 : WIDER GROUND PIN TYPE
SEE TABLE.1

Pos.



DETAIL AA
(S= 10 : 1)



BB

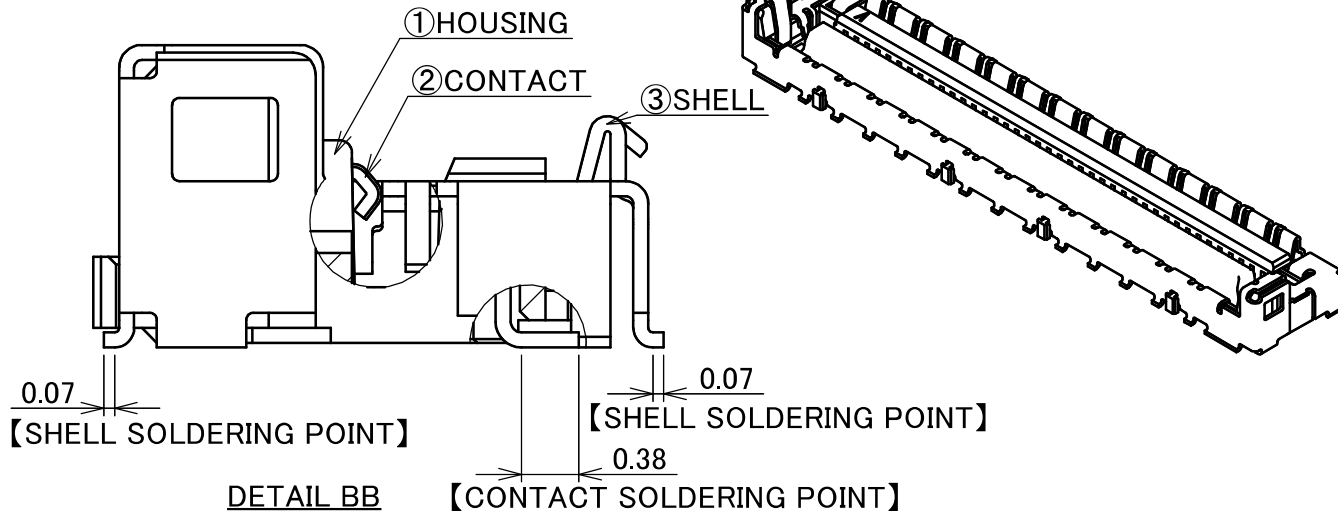
#1 TYPE



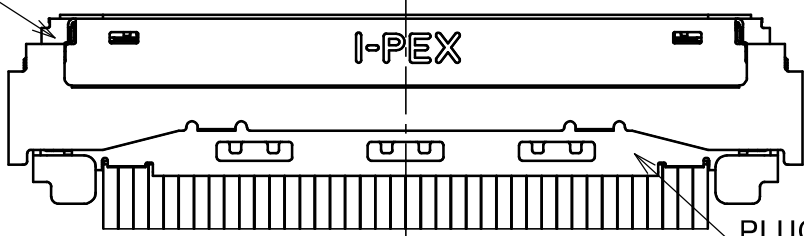
Halogen Free



RoHS Compliant



RECEPTACLE P/N : 20879-0**E-#1



PLUG. P/N : 20877-0**T-0#

MATING CONDITION

TABLE.1

PART NO.	CONTACT FINISH
20879-0**E-01	ALL OVER Ni 1.00 μ m MIN. CONTACT & SOLDERING AREA : Au 0.03 μ m MIN.
20879-0**E-11	ALL OVER Ni 1.27 μ m MIN. CONTACT AREA : Au 0.254 μ m MIN. SOLDERING AREA : Au 0.03 μ m MIN.

3	SHELL	PHOSPHOR BRONZE	ALL OVER : Ni 1.00 μ m MIN. SOLDERING AREA : Au 0.02 μ m MIN.
2	CONTACT	CORSON ALLOY	SEE TABLE.1
1	HOUSING	LCP	UL94V-0, BLACK
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

19	ZC00483	T.Ono	2026/02/16	H.I	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY		
18	ZC00278	T.Ono	2025/11/21	T.M	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R5			
17	ZC00146	R.M	2025/10/06	T.M	GENERAL TOLERANCE.				TITLE CABLINE® -UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
16	Z250942	K.W	2025/06/16	M.T	DWG.	DATE		T.Masunaga 2019/01/10			5:1		
15	Z241861	K.Ta	2024/12/24	T.M	CHK.						UNIT		
14	Z241484	T.Ono	2024/10/23	T.M	—						mm		
REV.	ECN	BY	DATE	APP.	APP.				DWG. No.		SIZE	SHEET	REV.
REVISION RECORD					H.Ikari				20879		A3	1/22	19

Recommended P/N 20879-0**E-01

PART NO.	Pos.	A	D	G
20879-030E-#1	30	15.27	9.60	15.27
20879-040E-#1	40	19.27	14.40	19.27
20879-050E-#1	50	23.27	17.60	23.27
20879-060E-#1	60	27.27	21.60	27.27
20879-070E-#1	70	31.27	26.40	31.27

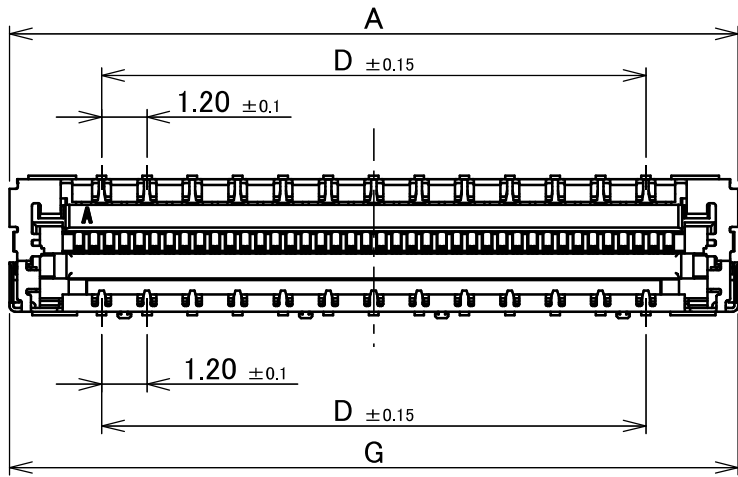


Halogen Free

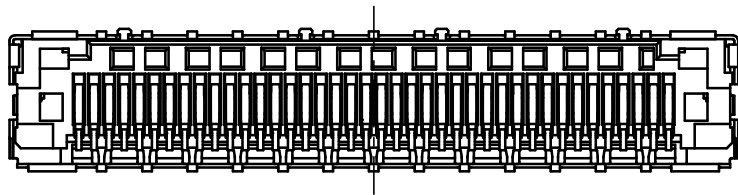


RoHS Compliant

TOP VIEW

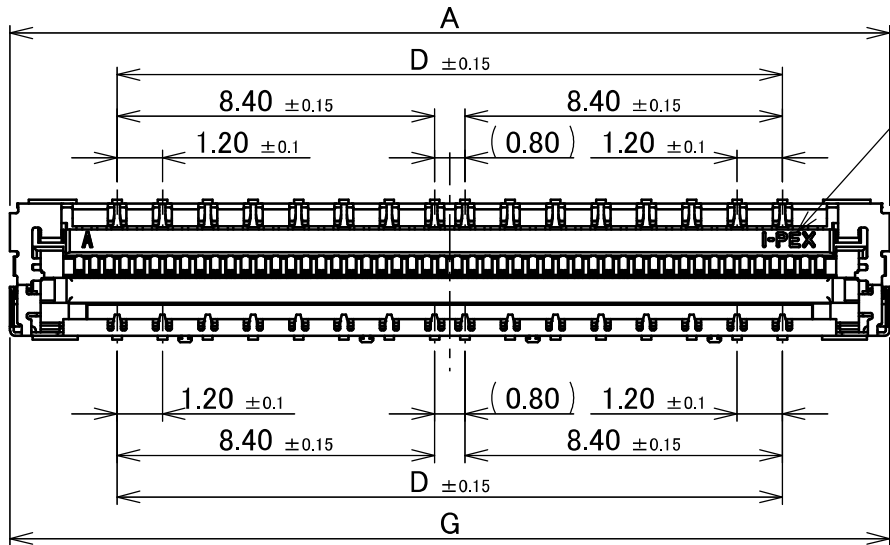


BOTTOM VIEW

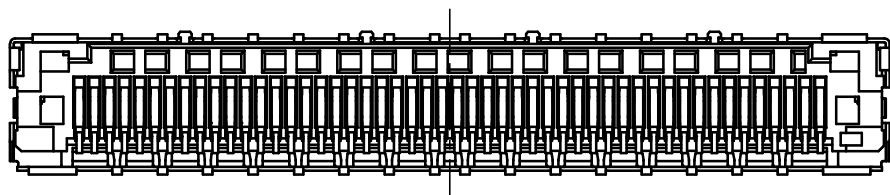


30P, 40P, 60P

TOP VIEW

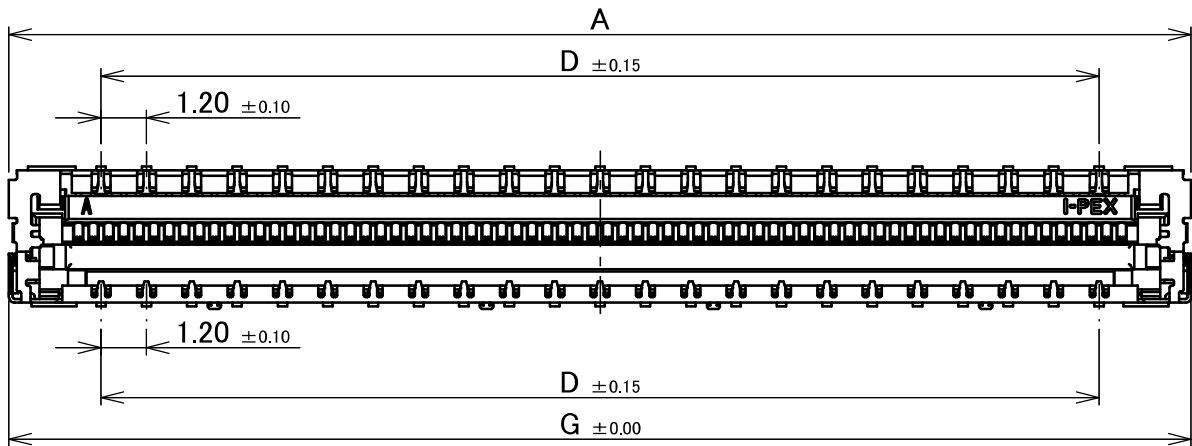


BOTTOM VIEW



50P

TOP VIEW



70P

PATENT PENDING

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R5			
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY	SCALE	I-PEX		
DWG.	DATE				5:1			
CHK.					UNIT			
APP.					mm			
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	2/22	19

Recommended P/N 20879-0**E-01

PART NO.	Pos.	A	C	E	G	H	J	K	L	M	N
20879-030E-02	30	15.27	11.60	12.07	15.27	13.65	14.87	4.00	-	7.09	14.69
20879-040E-02	40	19.27	15.60	16.07	19.27	17.65	18.87	8.00	4.00	6.70	18.69
20879-050E-02	50	23.27	19.60	20.07	23.27	21.65	22.87	14.40	3.60	8.70	22.69
20879-060E-02	60	27.27	23.60	24.07	27.27	25.65	26.87	17.60	-	10.70	26.69
20879-070E-02	70	31.27	27.60	28.07	31.27	29.65	30.87	20.00	-	11.50	30.69

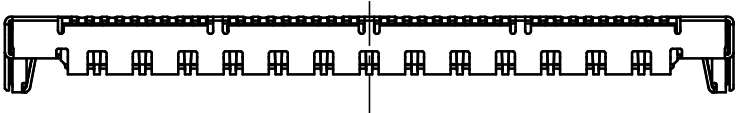
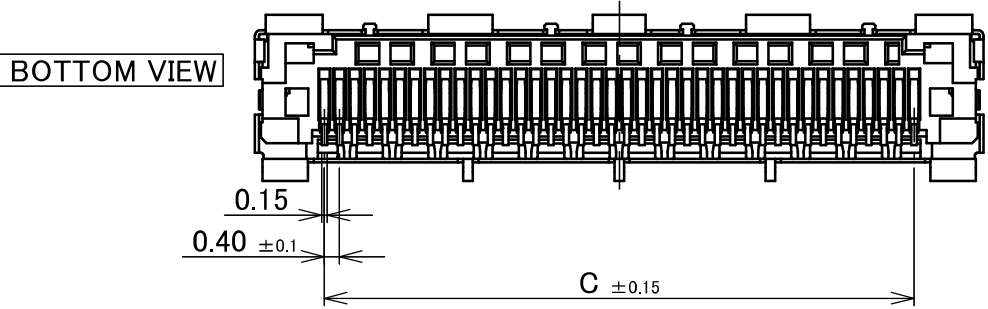
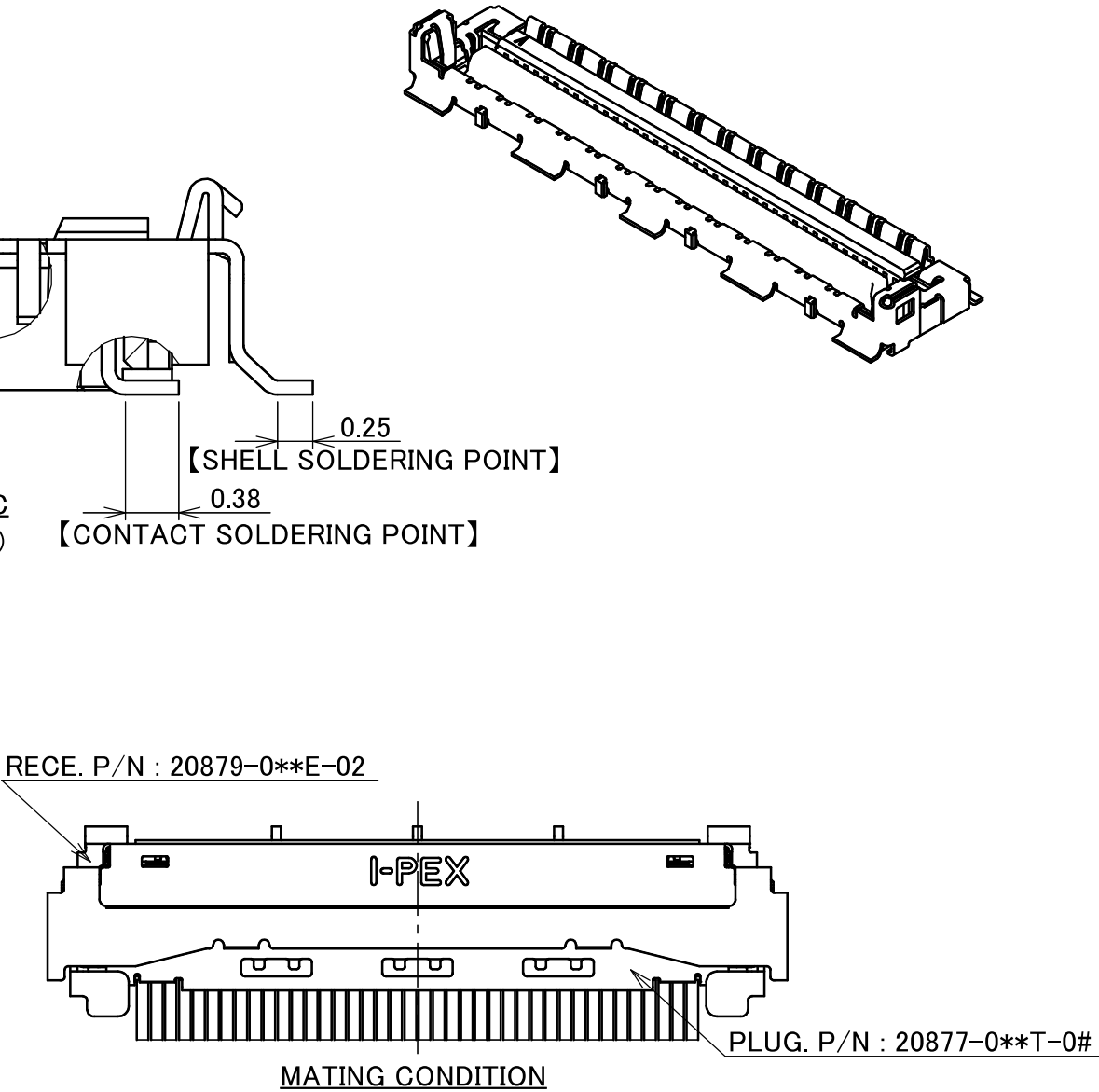
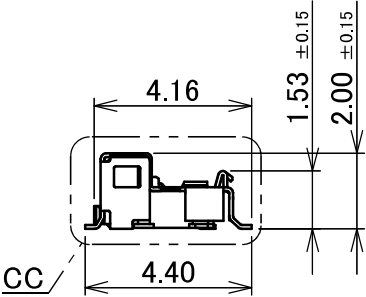
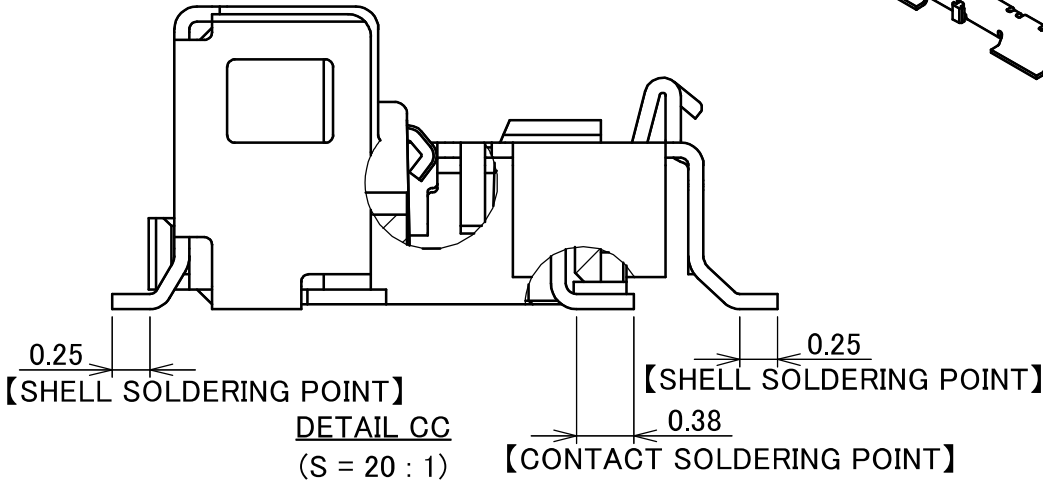
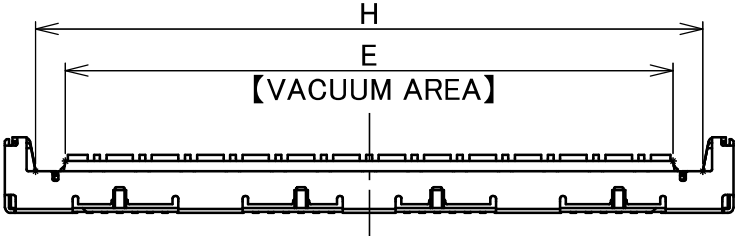
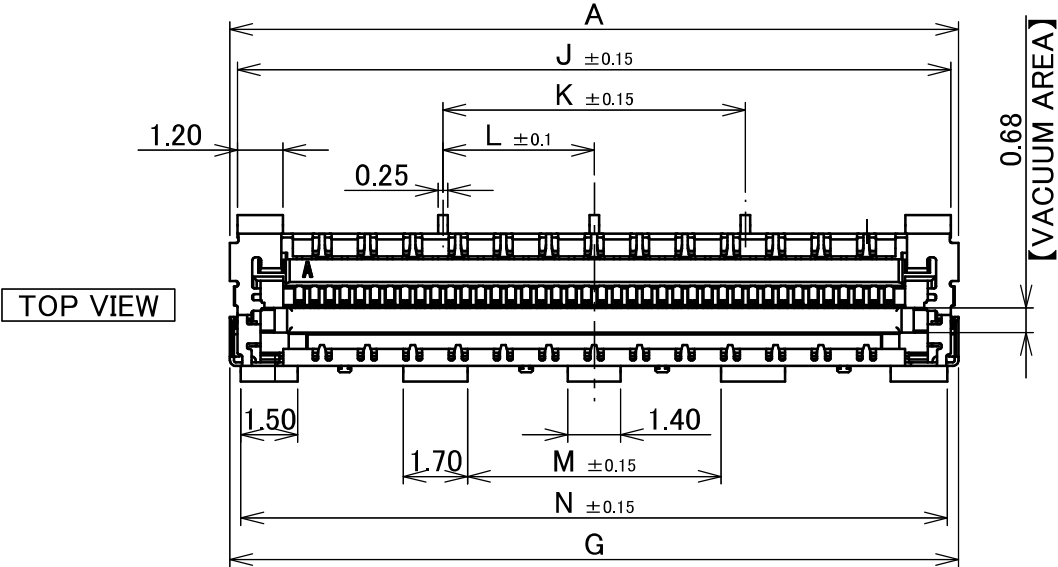
02 TYPE



Halogen Free



RoHS Compliant



PATENT PENDING

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R5			
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE		5:1					
CHK.			UNIT					
APP.			mm					
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	3/22	19

Recommended P/N 20879-0**E-01

PART NO.	Pos.	A	C	E	G	H	J	K	L	M	N	P	AD
20879-030E-02	30	15.27	11.60	12.07	15.27	13.65	14.87	4.00	-	7.09	14.69	-	-
20879-040E-02	40	19.27	15.60	16.07	19.27	17.65	18.87	8.00	4.00	6.70	18.69	-	-
20879-050E-02	50	23.27	19.60	20.07	23.27	21.65	22.87	14.40	3.60	8.70	22.69	7.20	-
20879-060E-02	60	27.27	23.60	24.07	27.27	25.65	26.87	17.60	-	10.70	26.69	11.20	3.20
20879-070E-02	70	31.27	27.60	28.07	31.27	29.65	30.87	20.00	-	11.50	30.69	12.00	4.00

02 TYPE



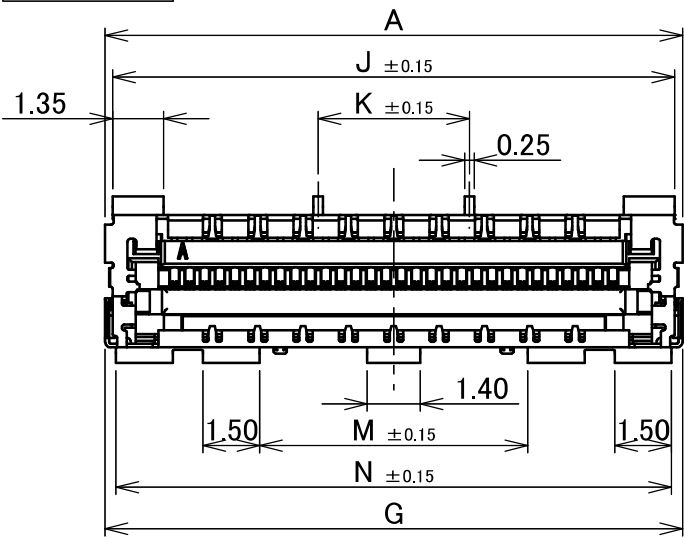
Halogen Free



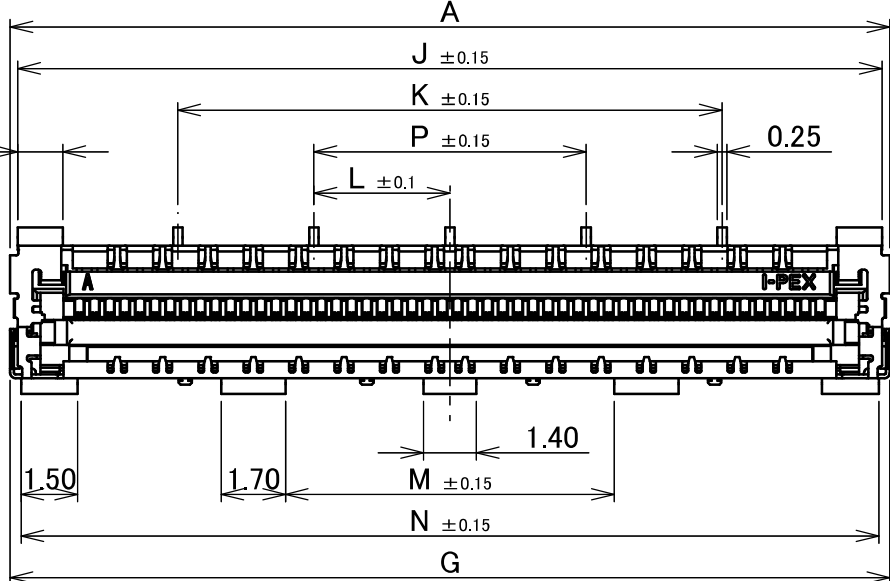
RoHS Compliant

TOP VIEW

TOP VIEW

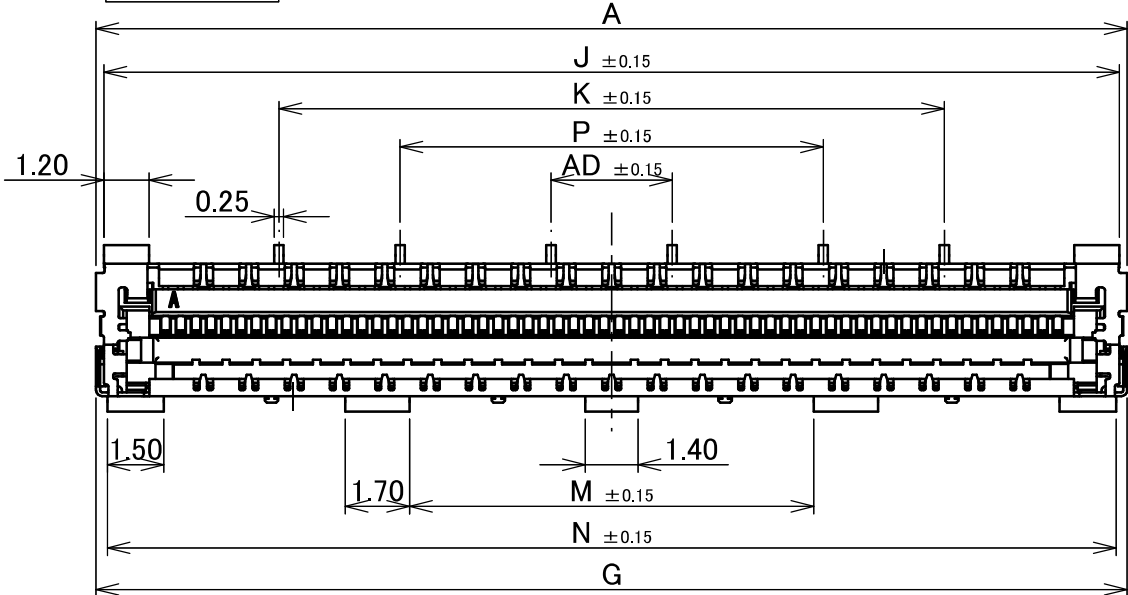


30P SHAPE
(S = 5 : 1)



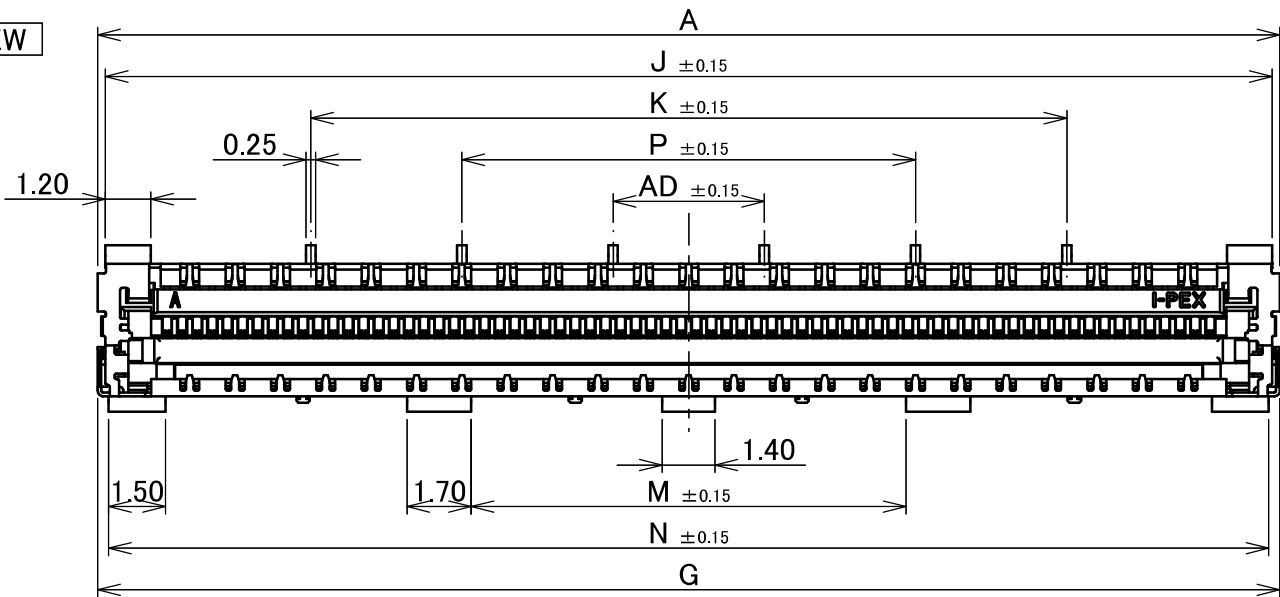
50P SHAPE
(S=5/1)

TOP VIEW



60P SHAPE
(S = 5 : 1)

TOP VIEW



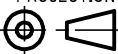
70P SHAPE
(S=5/1)

PATENT PENDING

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R5			
GENERAL TOLERANCE.				TITLE CABLIN [®] –UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	4/22	19

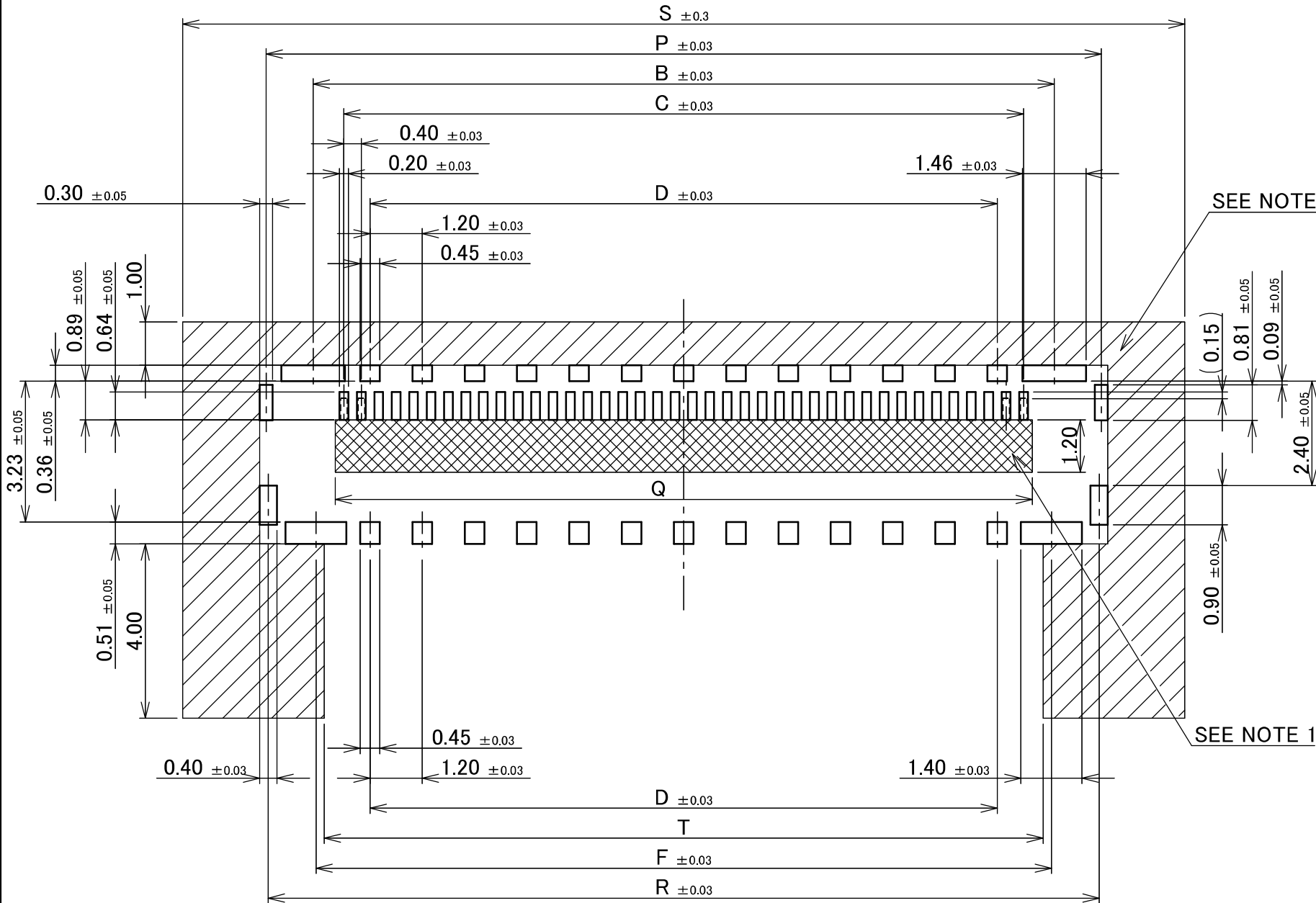
ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG #44 , 42 , 40 , 38 , 36 DISCRETE WIRE : AWG #36 , 34 TWINAXIAL CABLE : AWG #40 , 42
RATED VOLTAGE	100V AC (PER CONTACT PIN) ※THIS IS THE RATED VOLTAGE OF THE CONNECTOR. PLEASE NOTE THAT THE RATED VOLTAGE MAY VARY IN THE HARNESS DEPENDING ON THE CABLES USED.
RATED AMPERAGE (FOR CONTACT)	0.15A AC/DC [AWG #44] PER CONTACT PIN/UP TO 60 CONTACTS 0.24A AC/DC [AWG #42] PER CONTACT PIN/UP TO 49 CONTACTS 0.3A AC/DC [AWG #40] PER CONTACT PIN/UP TO 38 CONTACTS 0.5A AC/DC [AWG #38] PER CONTACT PIN/UP TO 19 CONTACTS 0.8A AC/DC [AWG #36] PER CONTACT PIN/UP TO 12 CONTACTS 1.0A AC/DC [AWG #34] PER CONTACT PIN/UP TO 10 CONTACTS ※TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION.
OPERATING TEMPERATURE	233 TO 378K(-40℃ TO +105℃)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE	INITIAL : 180mohm MAX.(AWG #34) / AFTER TEST : $\triangle$ 40mohm MAX. 275mohm MAX.(AWG #36) 360mohm MAX.(AWG #38) 600mohm MAX.(AWG #40) 700mohm MAX.(AWG #42) 1080mohm MAX.(AWG #44)
GROUND SHELL RESISTANCE	INITIAL : 50mohm MAX. / AFTER TEST : $\triangle$ 40mohm MAX.
INSULATION RESISTANCE	INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	30P : 34.00N MAX. 40P : 40.00N MAX. 50P : 46.00N MAX. 60P : 52.00N MAX. 70P : 58.00N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	30P : 3.0N MIN. 40P : 4.0N MIN. 50P : 5.0N MIN. 60P : 6.0N MIN. 70P : 7.0N MIN.
CABLE RETENTION FORCE	30P : 14.70N MIN. 40P : 19.60N MIN. 50P : 24.50N MIN. 60P : 29.40N MIN. 70N : 34.30N MIN.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2514
TEST REPORT	TR-18067 (PLUG:20877-0**T-0#, RECEPTACLE:20879-0**E-01) TR-18088 (PLUG:20877-0**T-0#, RECEPTACLE:20879-0**E-02) TR-24001 (PLUG:20877-0**T-0#, RECEPTACLE:20879-0**E-11) TR-24002 (PLUG:20877-0**T-1#, RECEPTACLE:20879-0**E-01) TR-24003 (PLUG:20877-0**T-1#, RECEPTACLE:20879-0**E-02) TR-24004 (PLUG:20877-0**T-1#, RECEPTACLE:20879-0**E-11)
PACKING STANDARD	PST-18043
INSTRUCTION MANUAL	HIM-18033
APPEARANCE CRITERIA No.	QLS-A***

※Only the single-hook pull jig is permitted for 70P.
The dual-hook pull jig is not allowed for 70P.

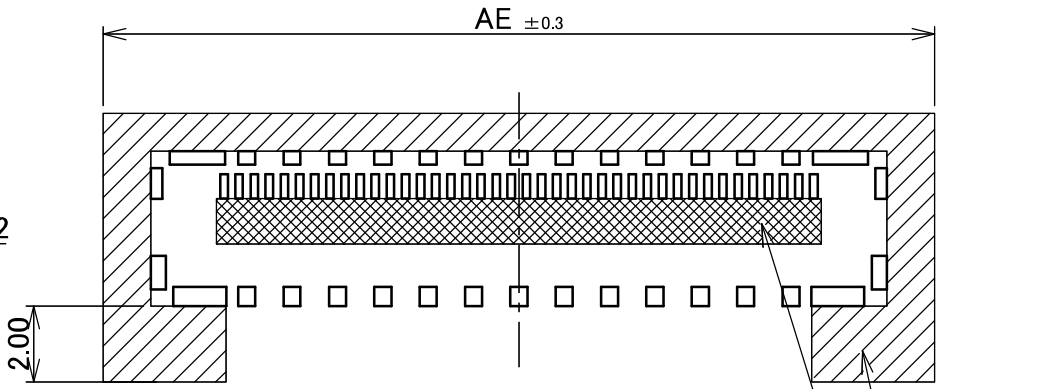
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R5	CUSTOMER COPY					
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5								
GENERAL TOLERANCE.				TITLE		SCALE	I-PEX				
DWG.	DATE					—					
CHK.						UNIT					
APP.						mm					
				DWG. No.		SIZE	SHEET	REV.			
20879						A3	5/22	19			

PART No.	Pos.	B	C	D	F	P	Q	R	S	T	AE	AF
20879-030E-#1	30	13.01	11.60	9.60	12.88	15.17	12.00	15.07	19.00	12.50	18.00	17.00
20879-040E-#1	40	17.01	15.60	14.40	16.88	19.17	16.00	19.07	23.00	16.50	22.00	21.00
20879-060E-#1	60	25.01	23.60	21.60	24.88	27.17	24.00	27.07	31.00	24.50	30.00	29.00
20879-070E-#1	70	29.01	27.60	26.40	28.88	31.17	28.00	31.07	35.00	28.50	34.00	33.00

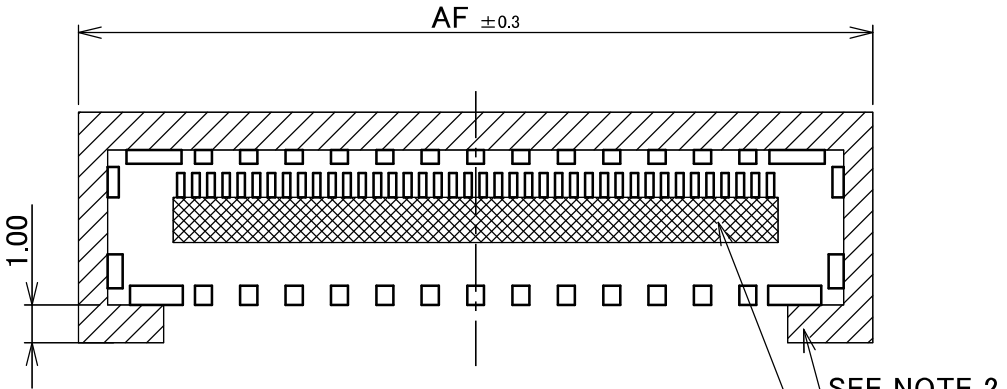
PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	



RECOMMENDED PCB LAYOUT 【TYPE A】
(S = 8 : 1)



RECOMMENDED PCB LAYOUT 【TYPE B】
(S = 5 : 1)



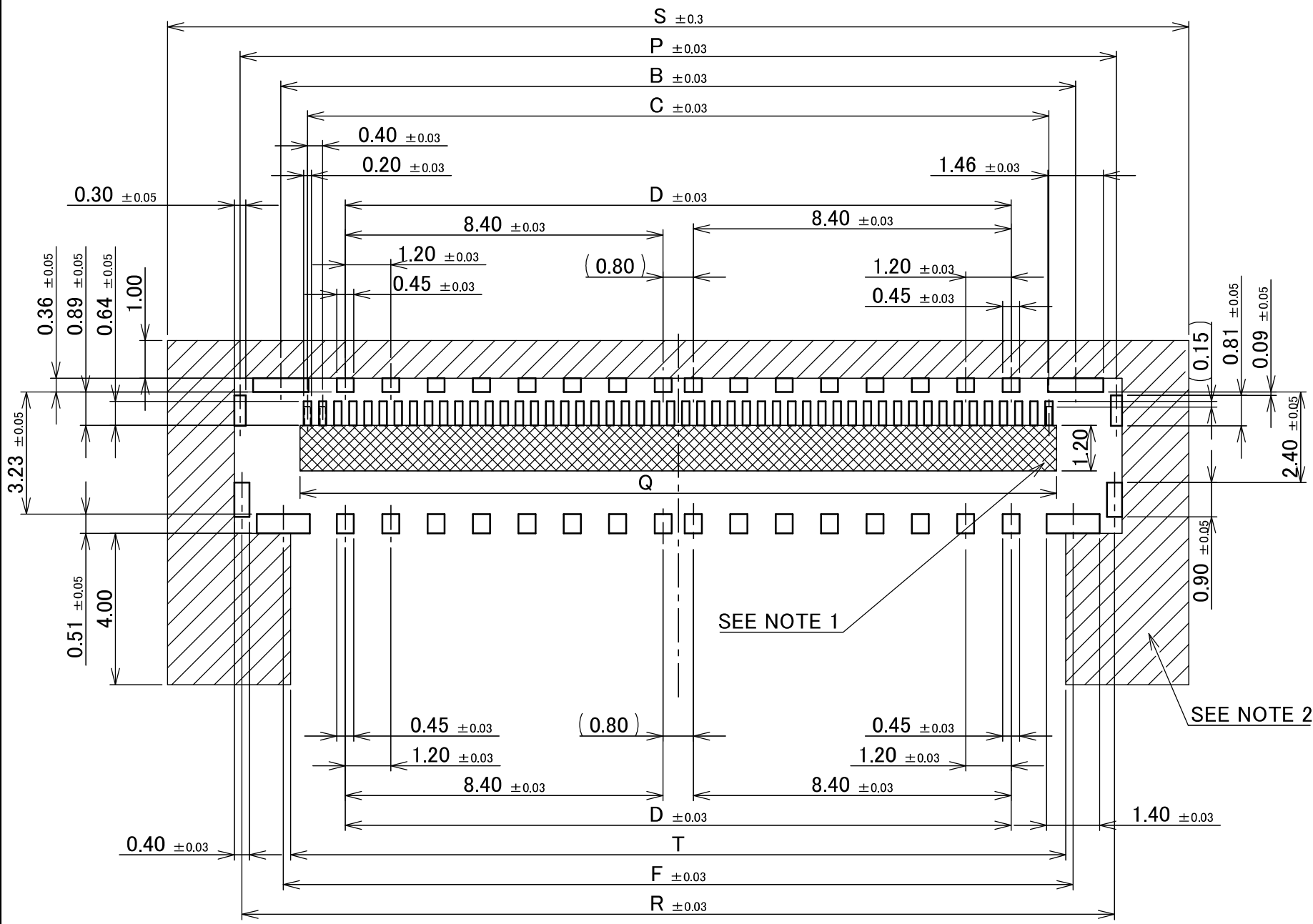
RECOMMENDED PCB LAYOUT 【TYPE C】
(S = 5 : 1)

PATENT PENDING

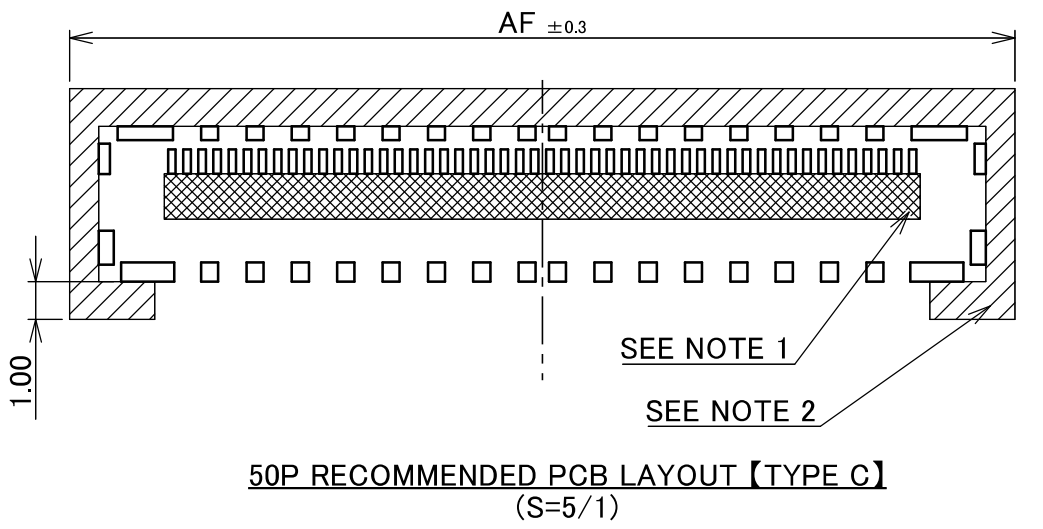
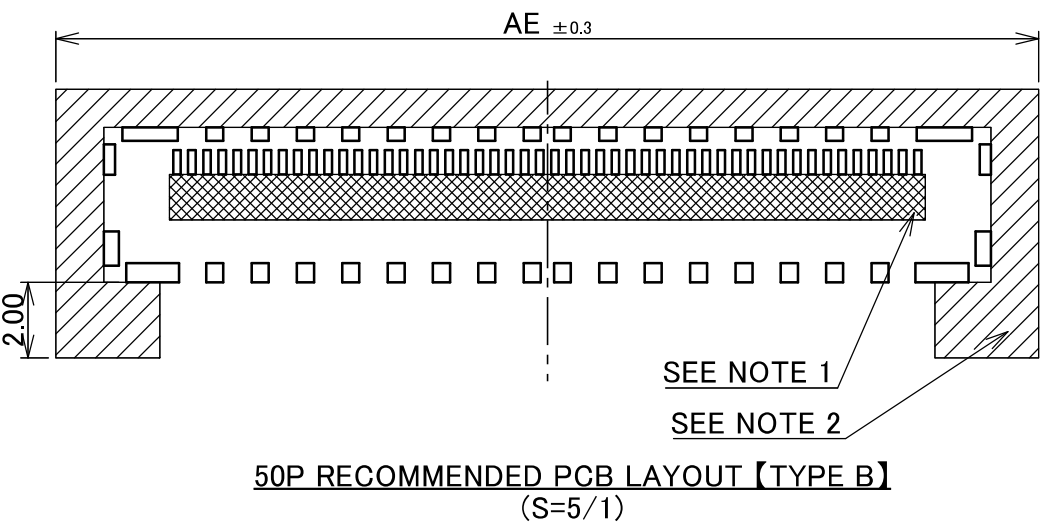
- NOTES.
1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
 2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED,
AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED.
FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R5			
GENERAL TOLERANCE.				TITLE CABLIN [®] -UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE		10:1					
CHK.			UNIT					
		mm						
APP.				DWG. No.	20879	SIZE	SHEET	REV.
				A3	6/22	19		

PART No.	Pos.	B	C	D	F	P	Q	R	S	T	AE	AF
20879-050E-#1	50	21.01	19.60	17.60	20.88	23.17	20.00	23.07	27.00	20.50	26.00	25.00



PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	



PATENT PENDING

- NOTES.
- 1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
 - 2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
- THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED, AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED. FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

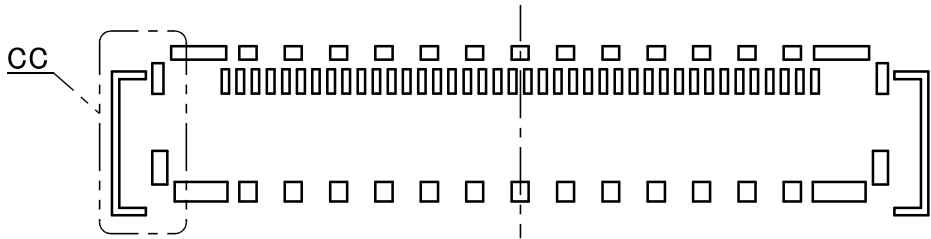
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					10:1		
CHK.						UNIT		
						mm		
APP.				DWG. No.	SIZE	SHEET	REV.	
				20879	A3	7/22	19	

PART No.	Pos.
20879-030E-#1	30
20879-040E-#1	40
20879-050E-#1	50
20879-060E-#1	60
20879-070E-#1	70

PATENT PENDING

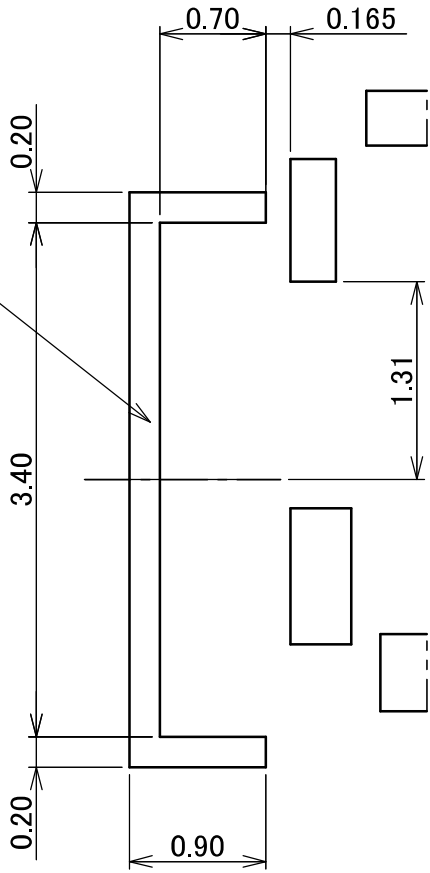
#1 TYPE

With LOCK COVER



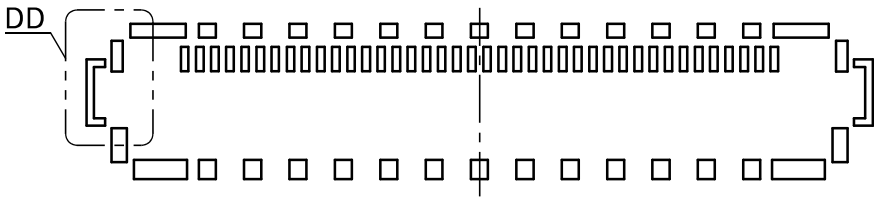
RECOMMENDED SILK PRINT For With LOCK COVER
(S = 5 : 1)

SILK PRINT
For PLUG INSERTION CHECK

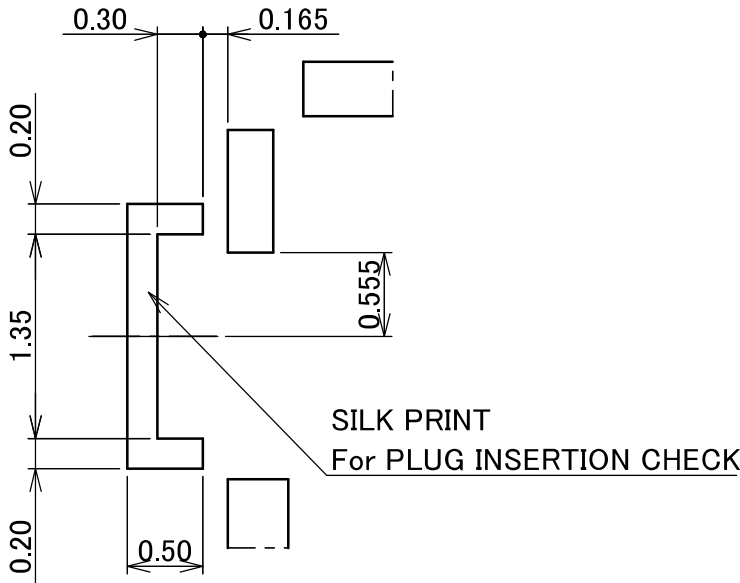


DETAIL CC
(S = 20 : 1)

Without LOCK COVER &
With PULL TAPE HOLDER



RECOMMENDED SILK PRINT For Without LOCK COVER
(S = 5 : 1)



DETAIL DD
(S = 20 : 1)

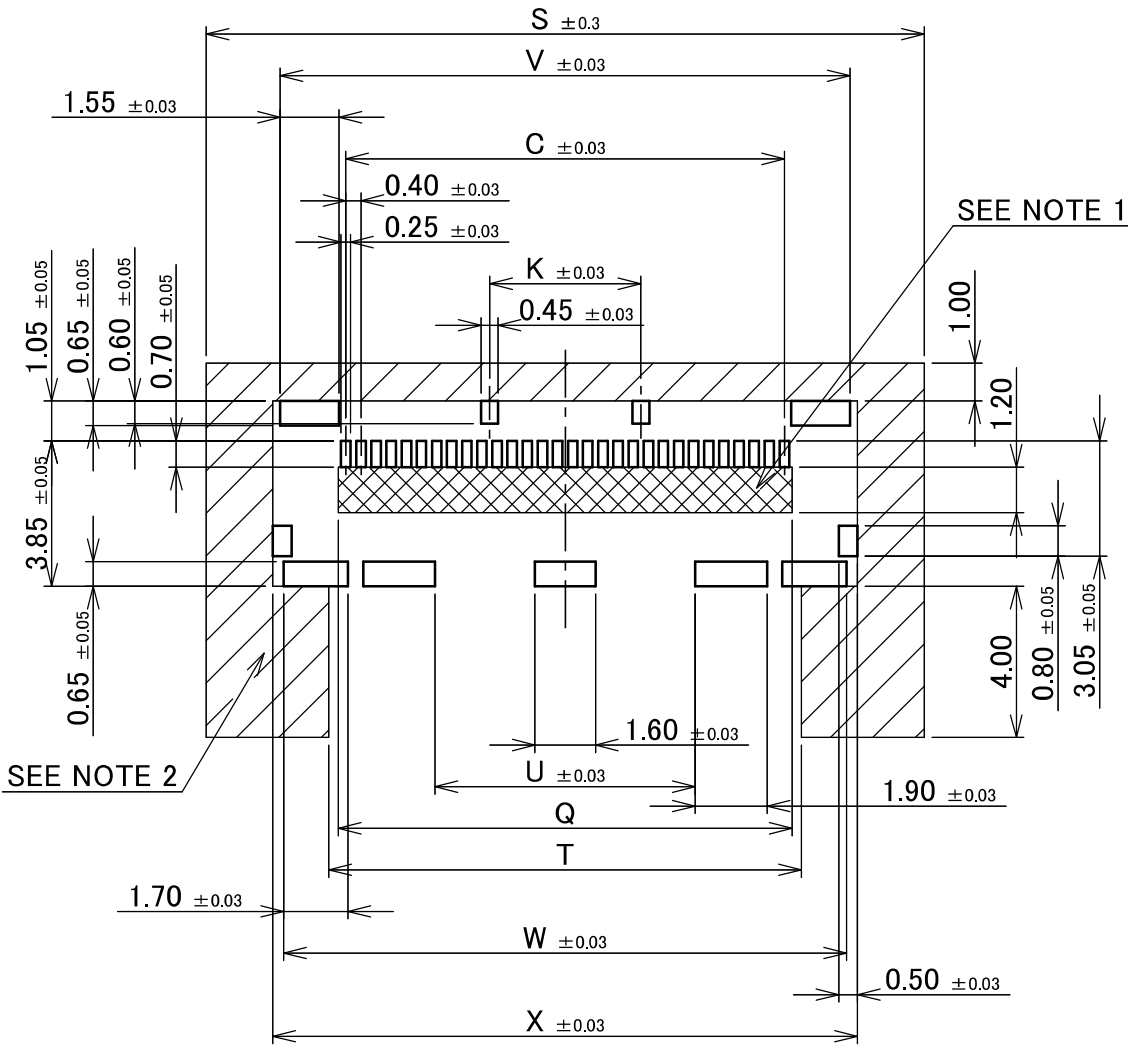
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20879		SIZE	SHEET	REV.
						A3	8/22	19

PART No.	Pos.	C	K	L	Q	S	T	U	V	W	X	AE	AF
20879-030E-02	30	11.60	4.00	-	12.00	19.00	12.50	6.89	15.07	14.89	15.47	18.00	17.00

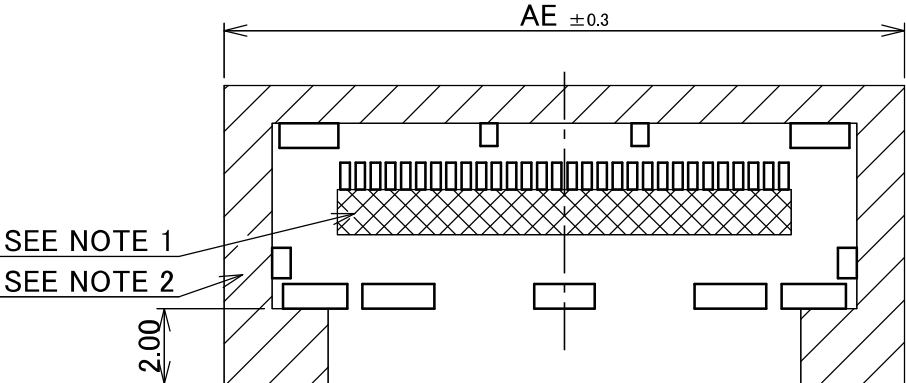
PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	

02 TYPE

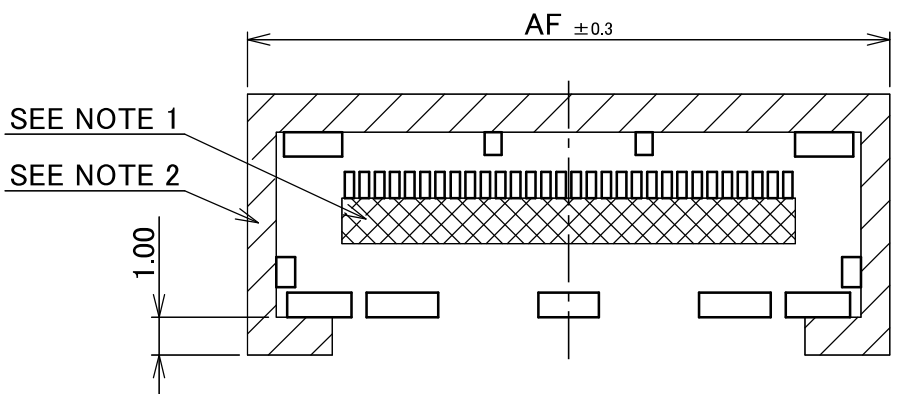
PATENT PENDING



02 TYPE 30P RECOMMENDED PCB LAYOUT【TYPE A】
(S = 5 : 1)



02 TYPE 30P RECOMMENDED PCB LAYOUT【TYPE B】
(S = 5 : 1)



02 TYPE 30P RECOMMENDED PCB LAYOUT【TYPE C】
(S = 5 : 1)

NOTES.
1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED,
AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED.
FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

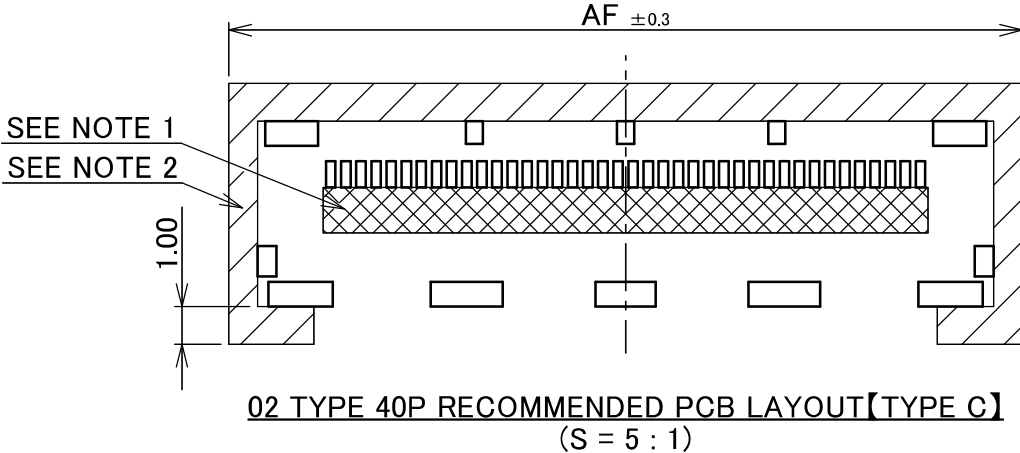
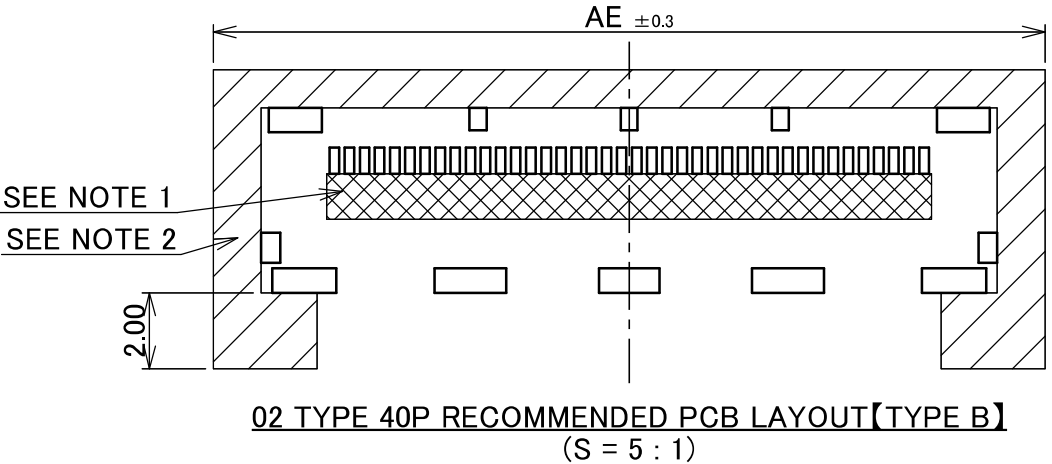
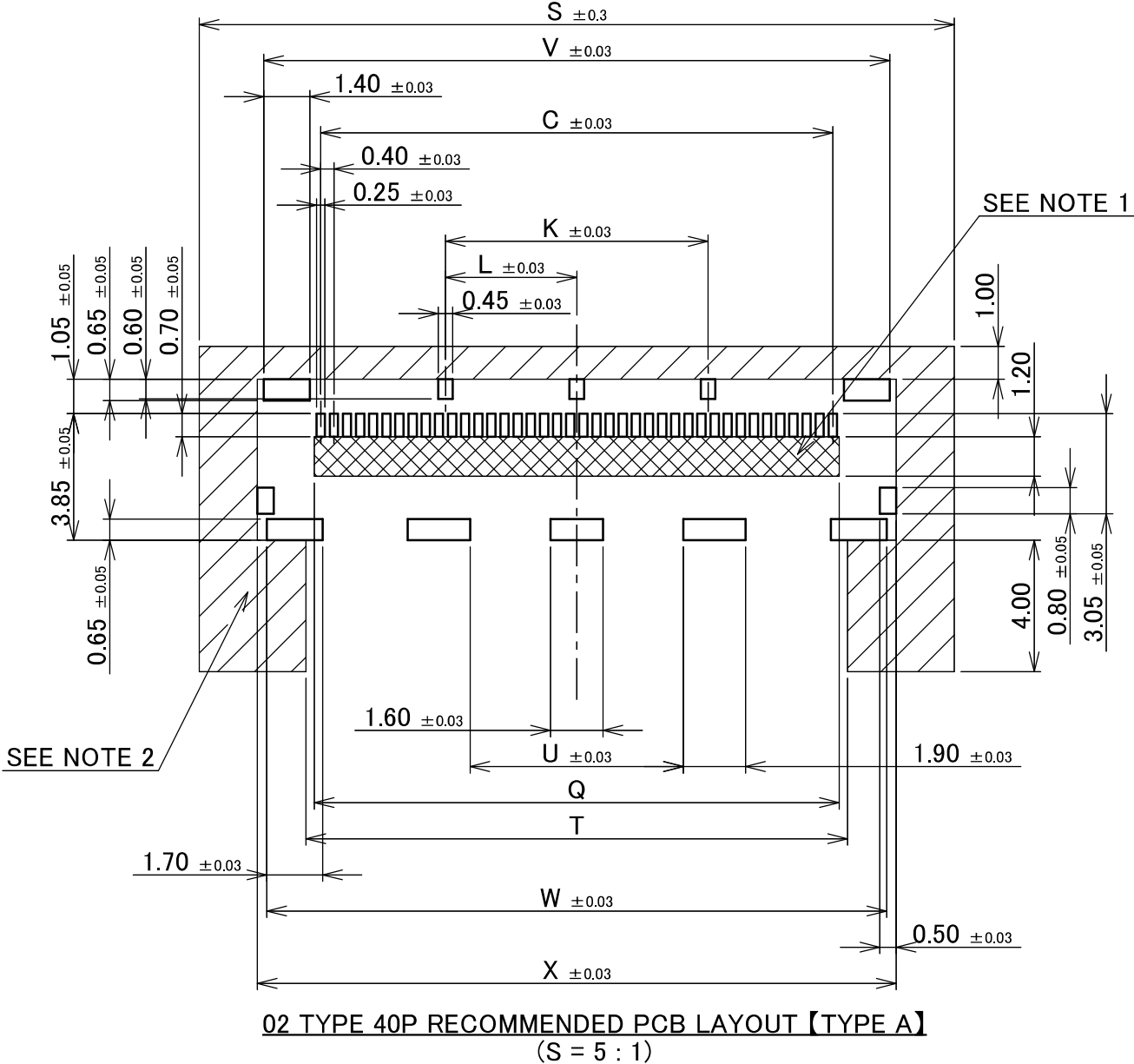
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
						mm		
APP.				DWG. No.	20879	SIZE	SHEET	REV.
						A3	9/22	19

PART No.	Pos.	C	K	L	Q	S	T	U	V	W	X	AE	AF
20879-040E-02	40	15.60	8.00	4.00	16.00	23.00	16.50	6.50	19.07	18.89	19.47	22.00	21.00

PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	

02 TYPE

PATENT PENDING



NOTES.
1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED,
AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED.
FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

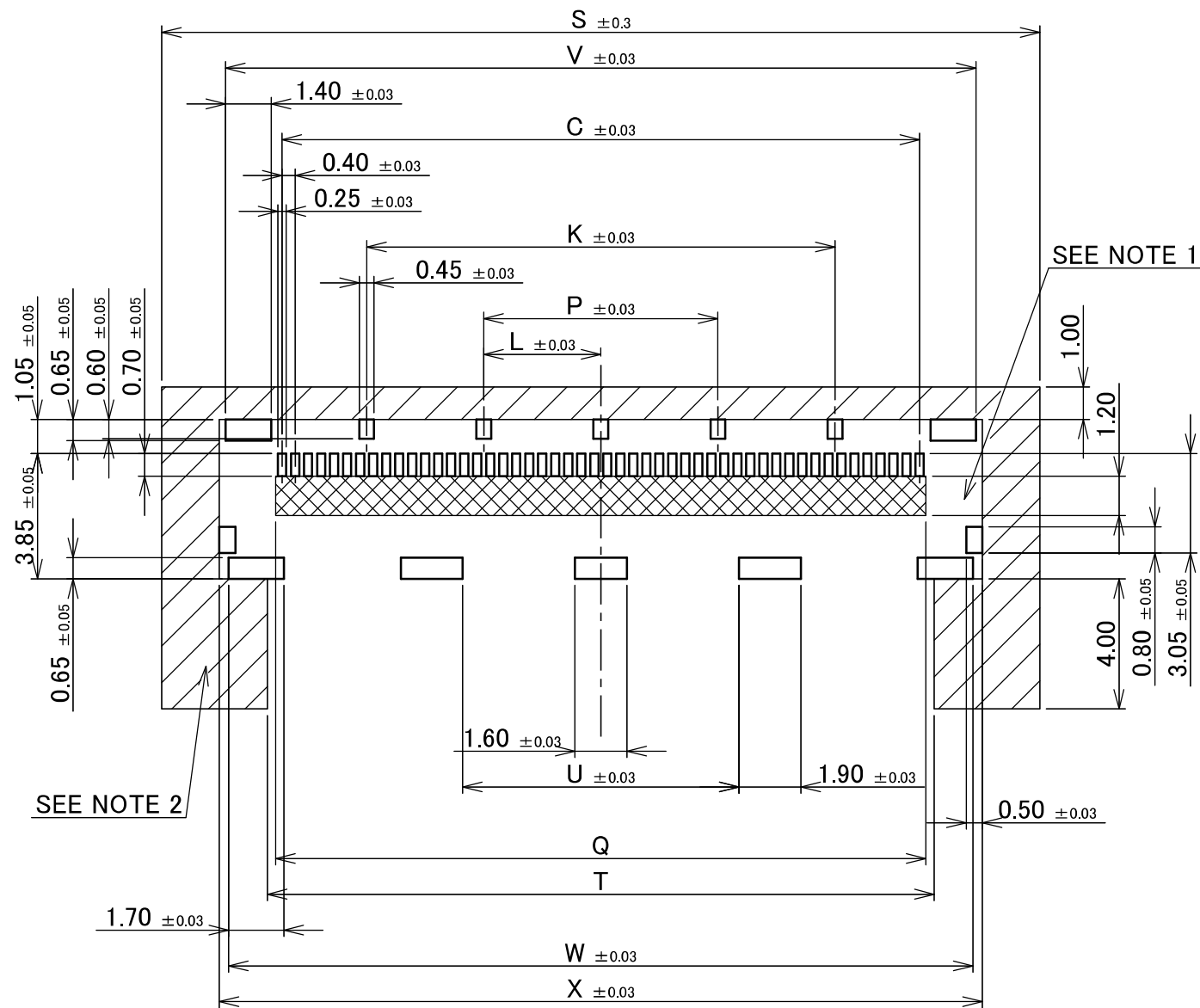
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
						mm		
APP.				DWG. No.		SIZE	SHEET	REV.
				20879		A3	10/22	19

PART No.	Pos.	C	K	L	P	Q	S	T	U	V	W	X	AE	AF
20879-050E-02	50	19.60	14.40	3.60	7.20	20.00	27.00	20.50	8.50	23.07	22.89	23.47	26.00	25.00

PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	

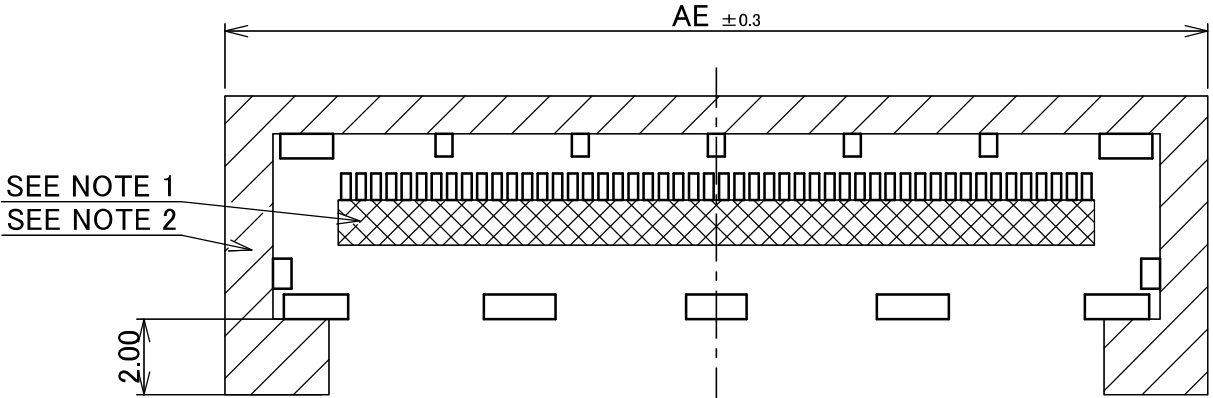
02 TYPE

PATENT PENDING

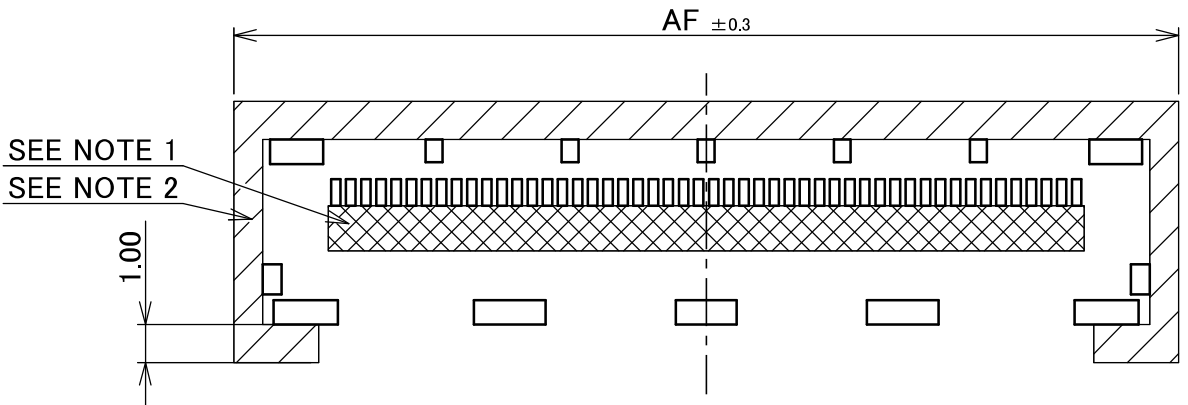


02TYPE 50P RECOMMENDED PCB LAYOUT [TYPE A]
(S = 5 : 1)

NOTES.
1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED,
AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED.
FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.



02TYPE 50P RECOMMENDED PCB LAYOUT [TYPE B]
(S = 5 : 1)



02TYPE 50P RECOMMENDED PCB LAYOUT [TYPE C]
(S = 5 : 1)

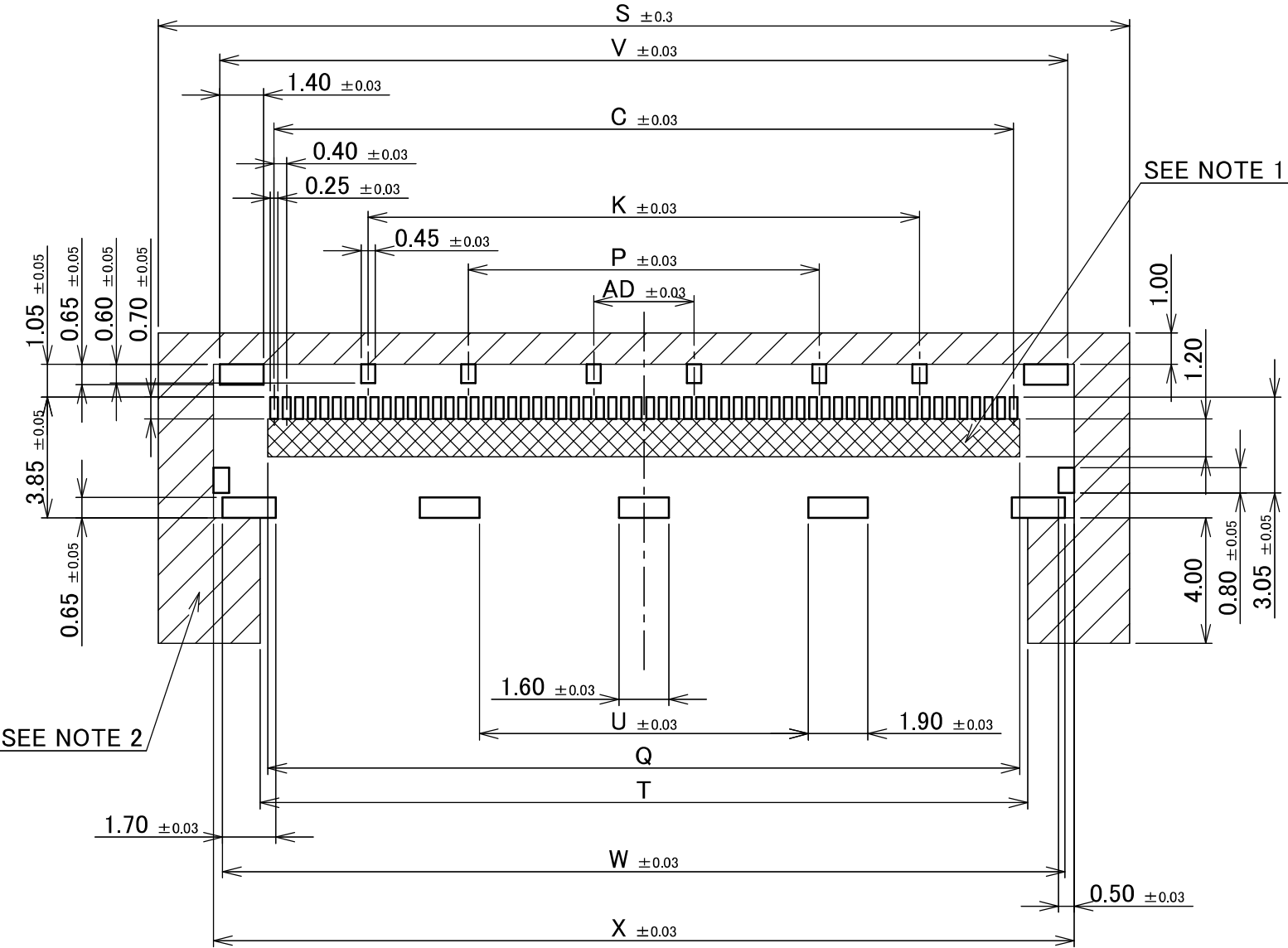
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20879		SIZE	SHEET	REV.
						A3	11/22	19

PART No.	Pos.	C	K	L	P	Q	S	T	U	V	W	X	AD	AE	AF
20879-060E-02	60	23.60	17.60	-	11.20	24.00	31.00	24.50	10.50	27.07	26.89	27.47	3.20	30.00	29.00

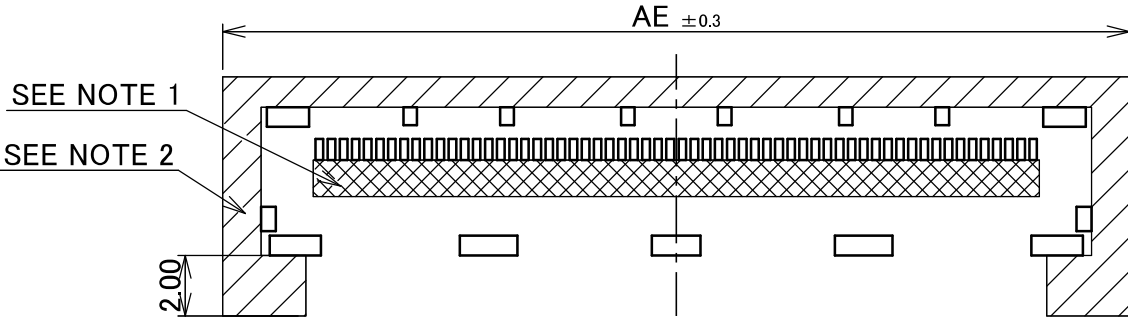
PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	

02 TYPE

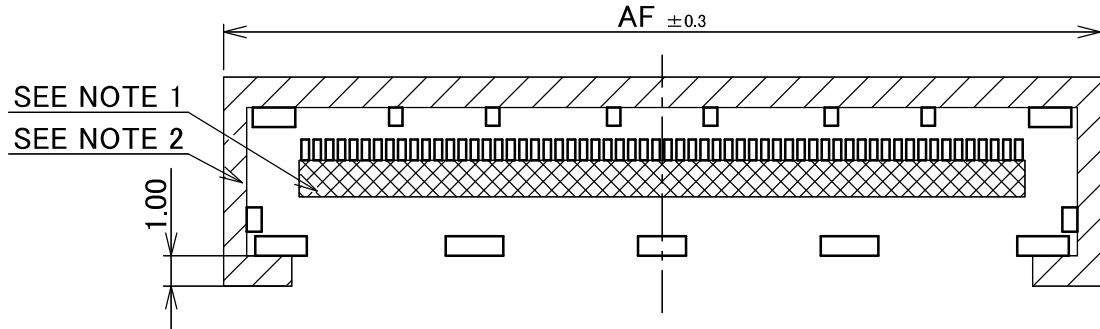
PATENT PENDING



02 TYPE 60P RECOMMENDED PCB LAYOUT
(S = 5 : 1)



02 TYPE 60P RECOMMENDED PCB LAYOUT
(S = 4 : 1)



02 TYPE 60P RECOMMENDED PCB LAYOUT
(S = 4 : 1)

NOTES.
1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED,
AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED.
FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

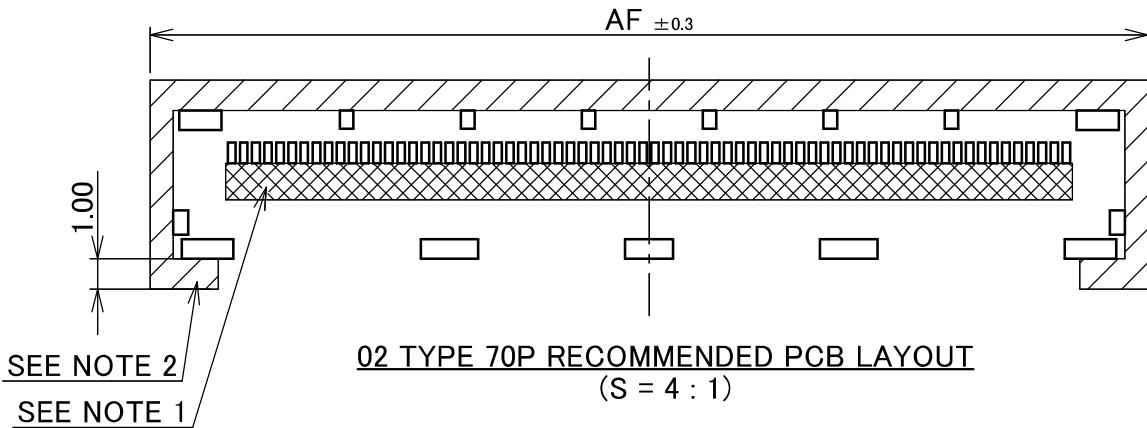
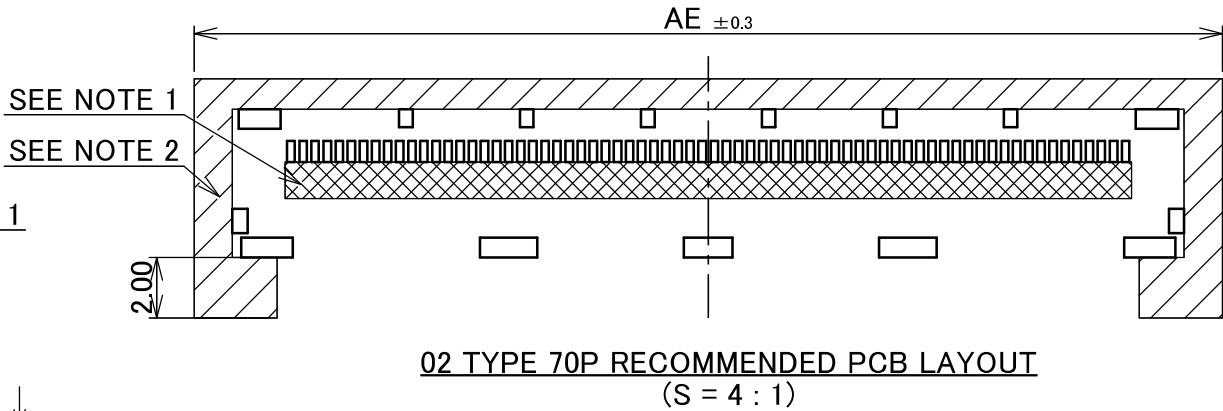
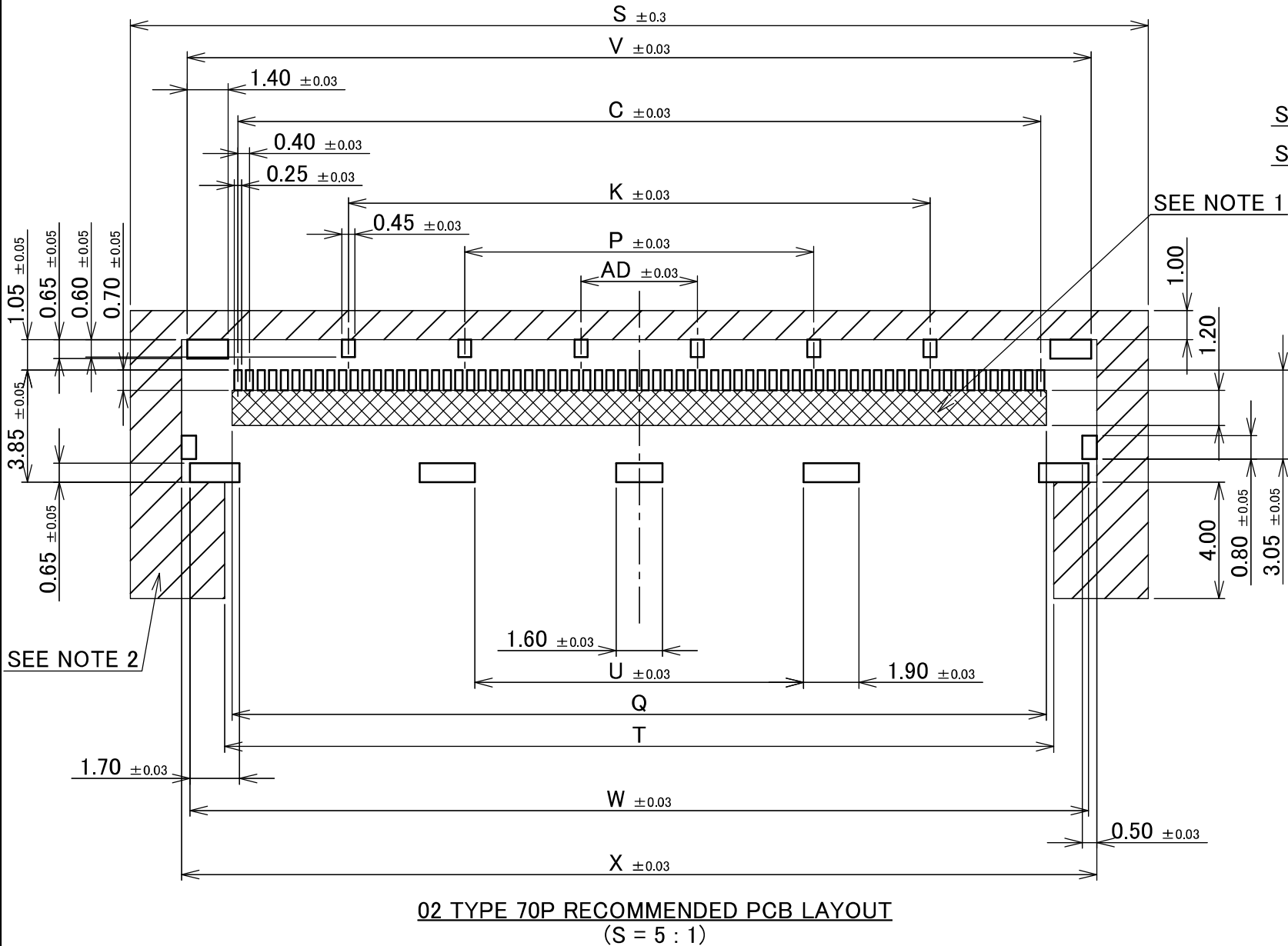
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY	SCALE	I-PEX		
DWG.	DATE				5:1			
CHK.					UNIT			
APP.					mm			
				DWG. No. 20879	SIZE	SHEET	REV.	
						A3	12/22	19

PART No.	Pos.	C	K	L	P	Q	S	T	U	V	W	X	AD	AE	AF
20879-070E-02	70	27.60	20.00	-	12.00	28.00	35.00	28.50	11.30	31.07	30.89	31.47	4.00	34.00	33.00

PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	

02 TYPE

PATENT PENDING



NOTES.

1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.

2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.

THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED,
AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED.
FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

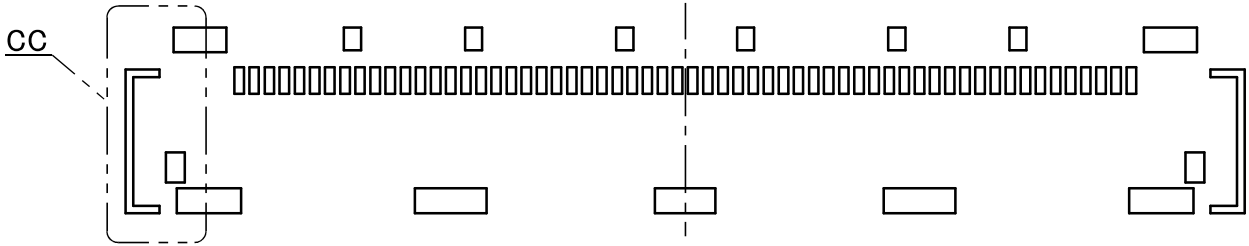
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20879		SIZE	SHEET	REV.
						A3	13/22	19

PART No.	Pos.
20879-030E-02	30
20879-040E-02	40
20879-050E-02	50
20879-060E-02	60
20879-070E-02	70

PATENT PENDING

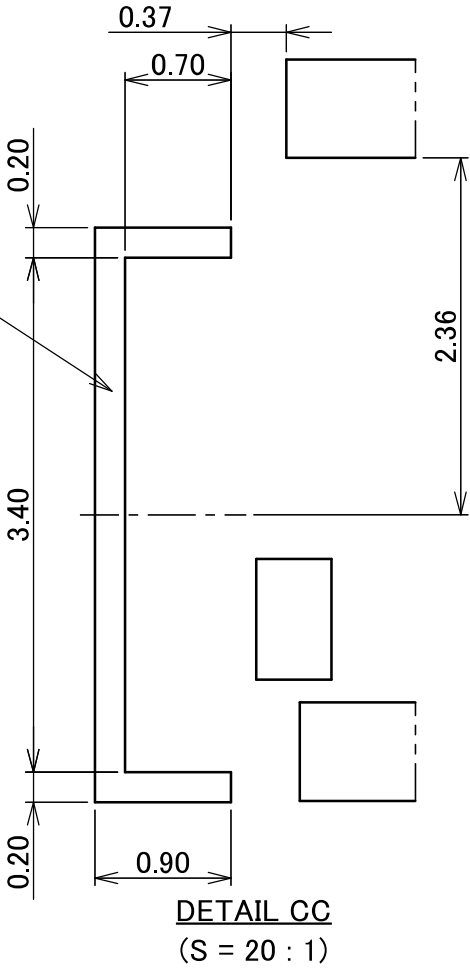
02 TYPE

With LOCK COVER

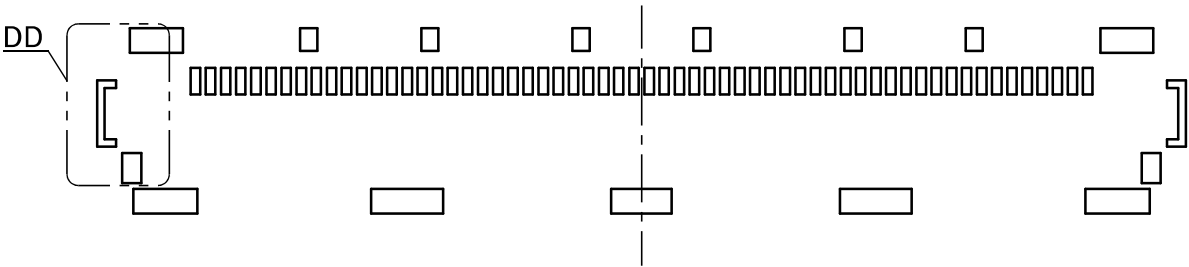


RECOMMENDED SILK PRINT For With LOCK COVER
(S = 5 : 1)

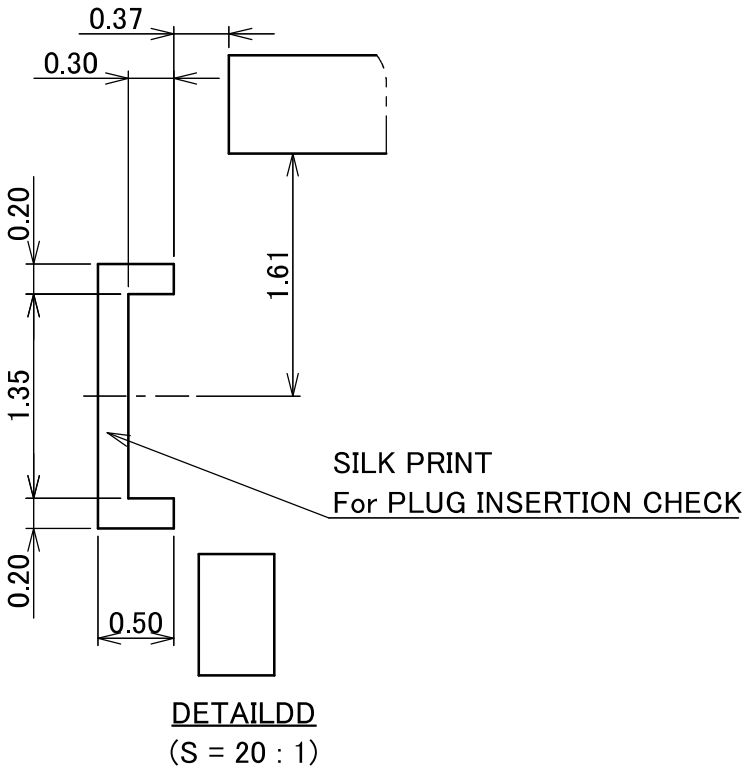
SILK PRINT
For PLUG INSERTION CHECK



Without LOCK COVER &
With PULL TAPE HOLDER



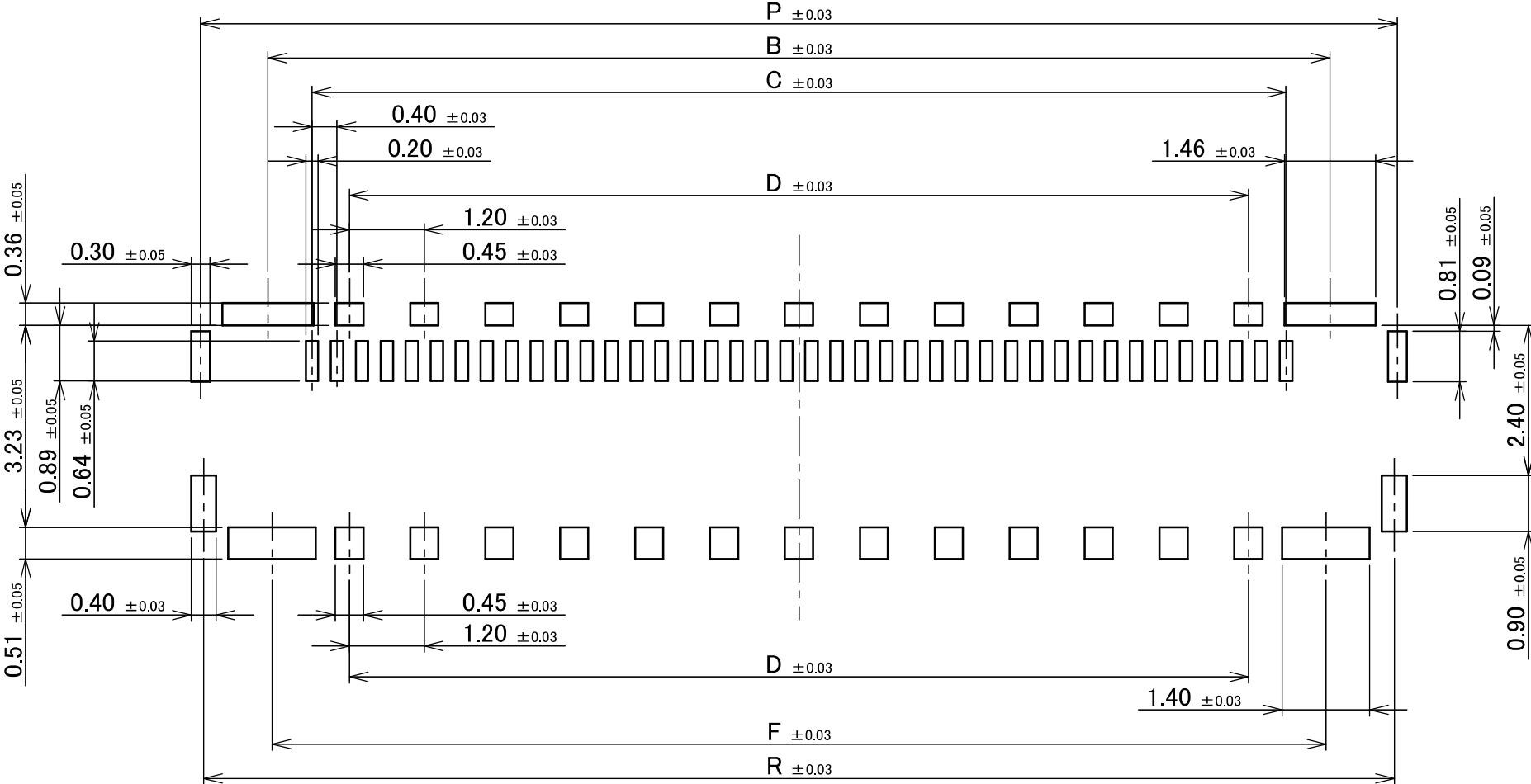
RECOMMENDED SILK PRINT For Without LOCK COVER
(S = 5 : 1)



ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20879		SIZE	SHEET	REV.
						A3	14/22	19

PART No.	Pos.	B	C	D	F	P	R
20879-030E-#1	30	13.01	11.60	9.60	12.88	15.17	15.07
20879-040E-#1	40	17.01	15.60	14.40	16.88	19.17	19.07
20879-060E-#1	60	25.01	23.60	21.60	24.88	27.17	27.07
20879-070E-#1	70	29.01	27.60	26.40	28.88	31.17	31.07

#1 TYPE



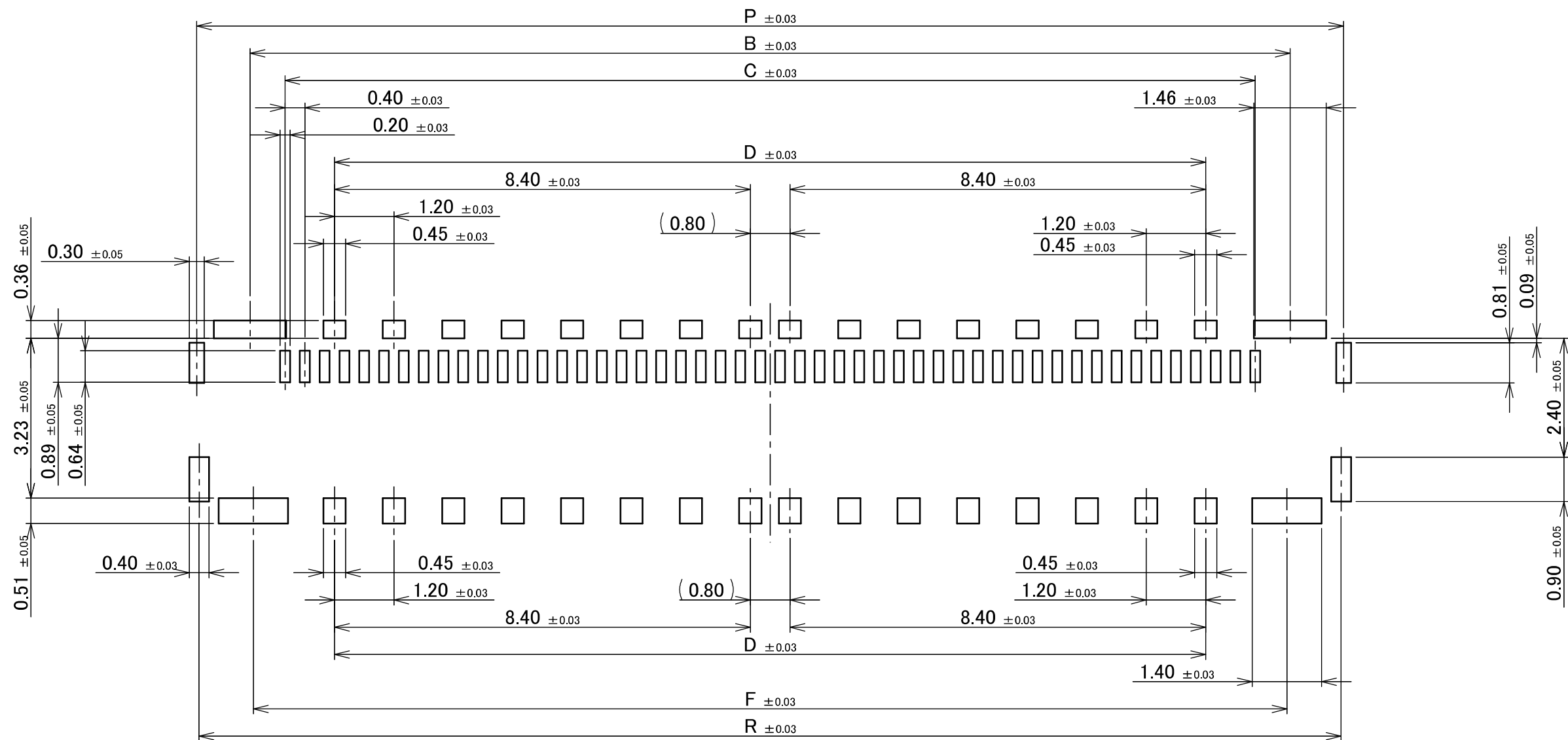
#1 TYPE 30P, 40P, 60P, 70P RECOMMENDED METAL MASK LAYOUT (S = 10 : 1)
 ※ METAL MASK THICKNESS : t = 0.10

PATENT PENDING

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					10:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	SIZE	SHEET	REV.	
				20879	A3	15/22	19	

PART No.	Pos.	B	C	D	F	P	R
20879-050E-#1	50	21.01	19.60	17.60	20.88	23.17	23.07

#1 TYPE



#1 TYPE 50P RECOMMENDED METAL MASK LAYOUT (S = 10 : 1)
※ METAL MASK THICKNESS : t = 0.10

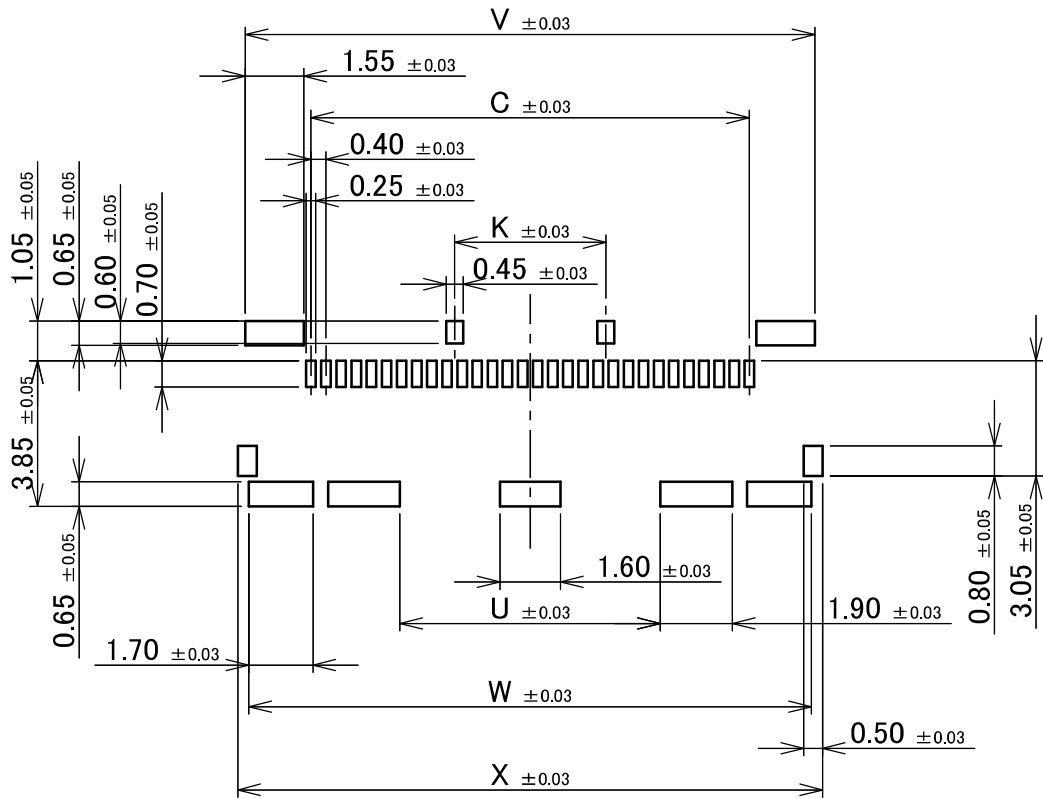
PATENT PENDING

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UM RECEPTACLE ASSEMBLY	SCALE 10:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No. 20879	SIZE A3	SHEET 16/22	REV. 19	

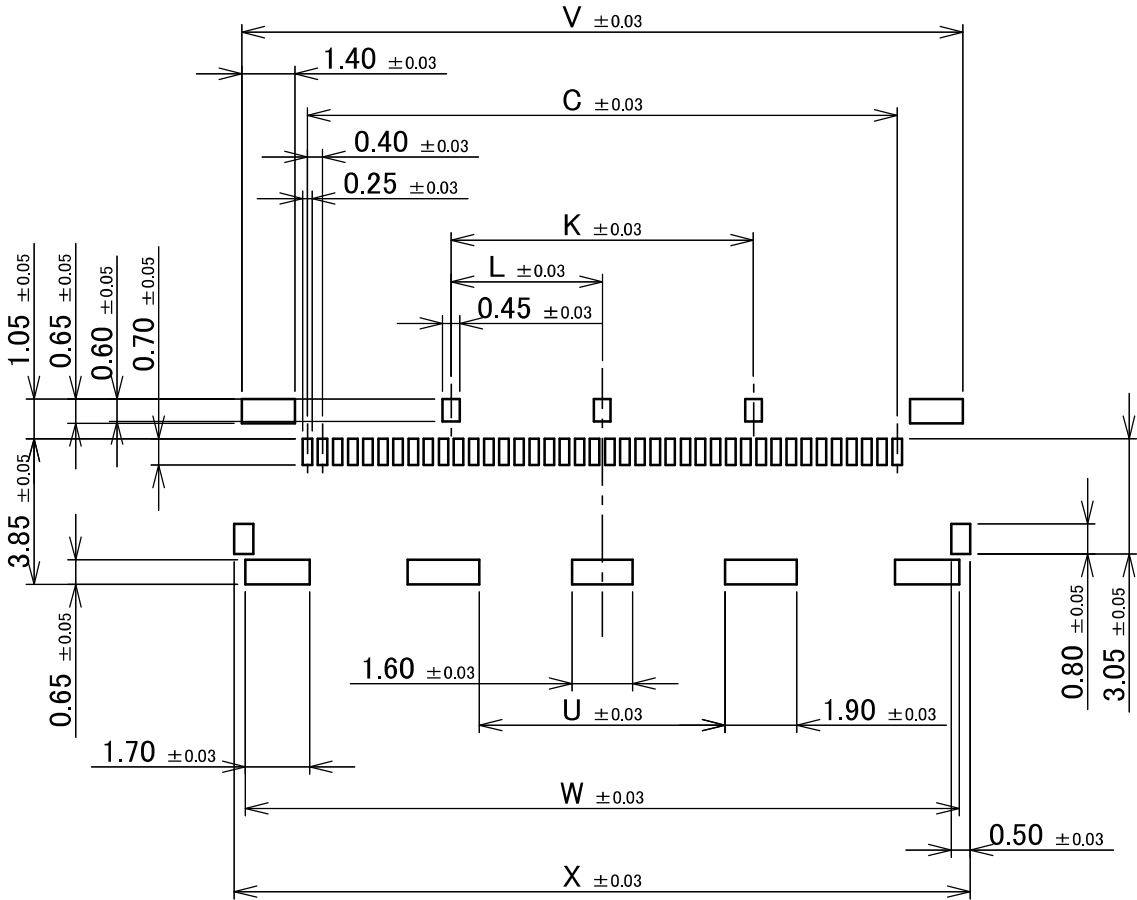
PART No.	Pos.	C	K	L	U	V	W	X
20879-030E-02	30	11.60	4.00	-	6.89	15.07	14.89	15.47
20879-040E-02	40	15.60	8.00	4.00	6.50	19.07	18.89	19.47
20879-050E-02	50	19.60	14.40	3.60	8.50	23.07	22.89	23.47
20879-060E-02	60	23.60	17.60	-	10.50	27.07	26.89	27.47
20879-070E-02	70	27.60	20.00	-	11.30	31.07	30.89	31.47

PATENT PENDING

02 TYPE



02 TYPE 30P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)
 ※ METAL MASK THICKNESS : t = 0.12



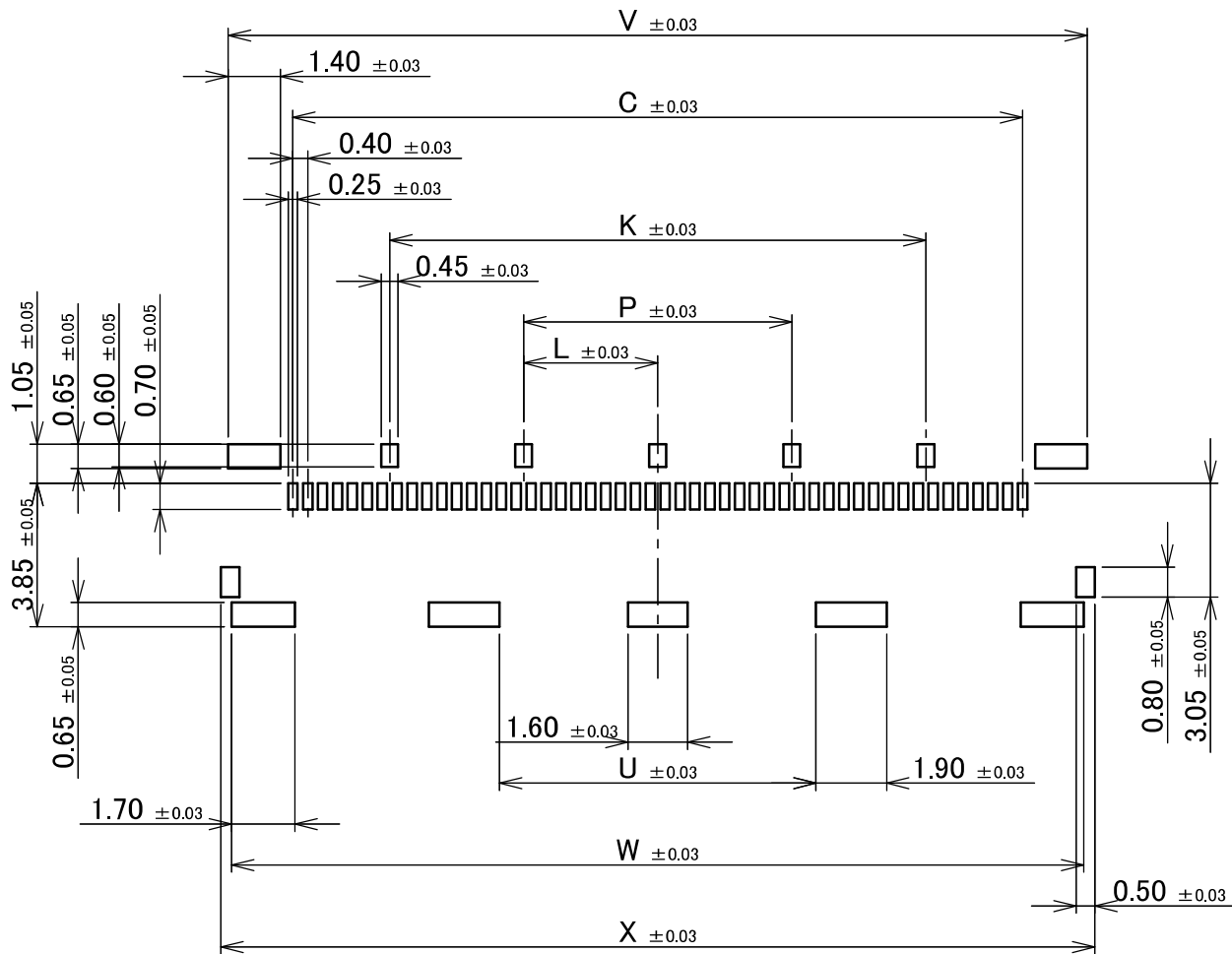
02 TYPE 40P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)
 ※ METAL MASK THICKNESS : t = 0.12

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY	SCALE 5:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No. 20879	SIZE A3	SHEET 17/22	REV. 19	

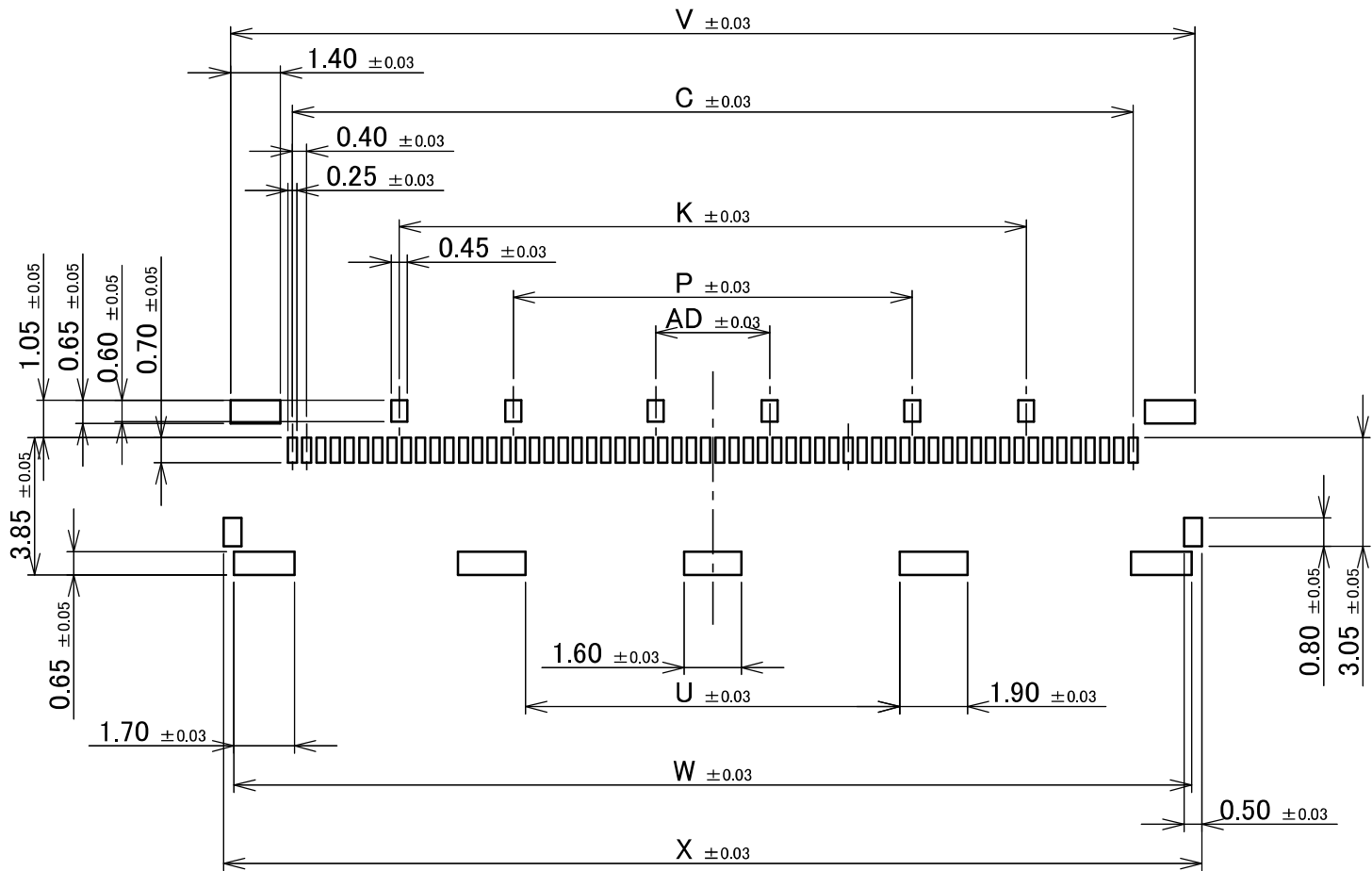
PART No.	Pos.	C	K	L	P	U	V	W	X	AD
20879-030E-02	30	11.60	4.00	-	-	6.89	15.07	14.89	15.47	-
20879-040E-02	40	15.60	8.00	4.00	-	6.50	19.07	18.89	19.47	-
20879-050E-02	50	19.60	14.40	3.60	7.20	8.50	23.07	22.89	23.47	-
20879-060E-02	60	23.60	17.60	-	11.20	10.50	27.07	26.89	27.47	3.20
20879-070E-02	70	27.60	20.00	-	12.00	11.30	31.07	30.89	31.47	4.00

PATENT PENDING

02 TYPE



02 TYPE 50P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)
※ METAL MASK THICKNESS : t = 0.12



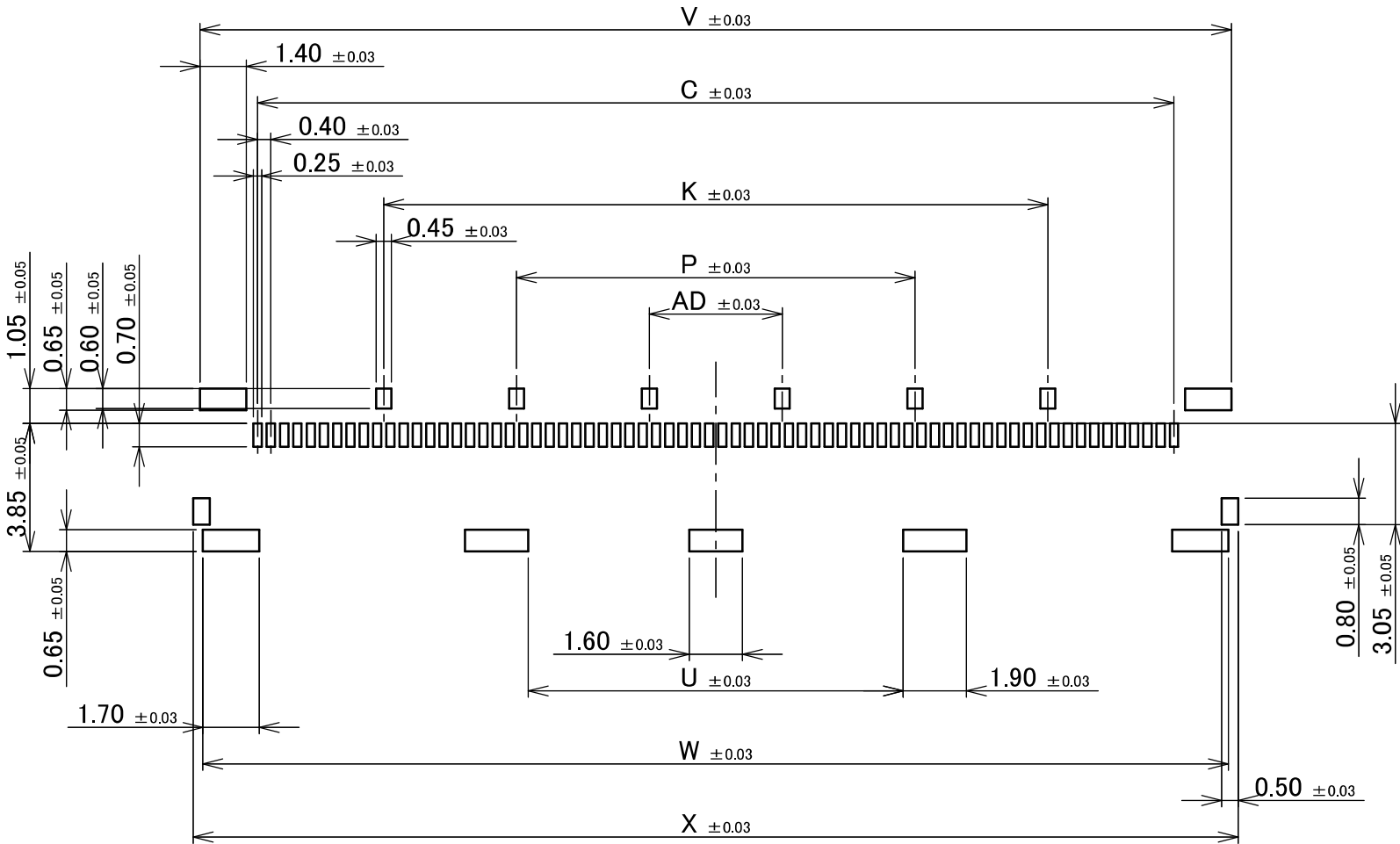
02 TYPE 60P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)
※ METAL MASK THICKNESS : t = 0.12

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY	SCALE	I-PEX		
DWG.	DATE				5:1			
CHK.					UNIT			
APP.					mm			
				DWG. No.	SIZE	SHEET	REV.	
				20879	A3	18/22	19	

PART No.	Pos.	C	K	L	P	U	V	W	X	AD
20879-030E-02	30	11.60	4.00	-	-	6.89	15.07	14.89	15.47	-
20879-040E-02	40	15.60	8.00	4.00	-	6.50	19.07	18.89	19.47	-
20879-050E-02	50	19.60	14.40	3.60	7.20	8.50	23.07	22.89	23.47	-
20879-060E-02	60	23.60	17.60	-	11.20	10.50	27.07	26.89	27.47	3.20
20879-070E-02	70	27.60	20.00	-	12.00	11.30	31.07	30.89	31.47	4.00

PATENT PENDING

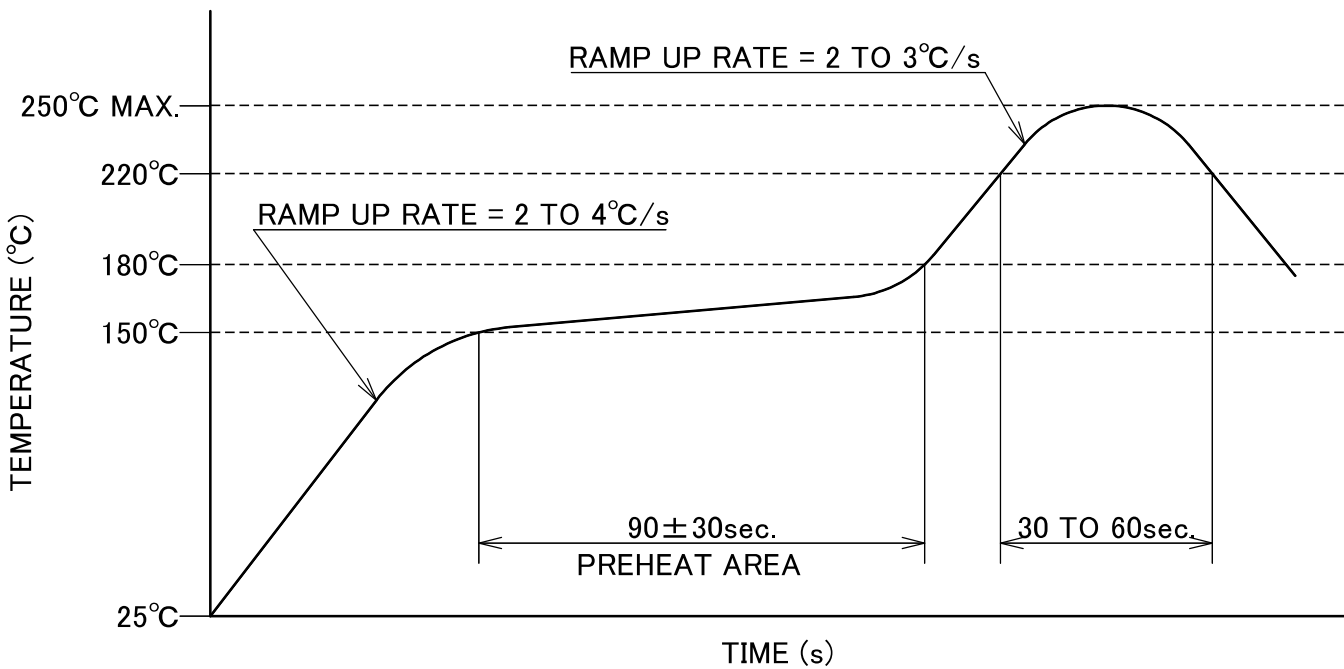
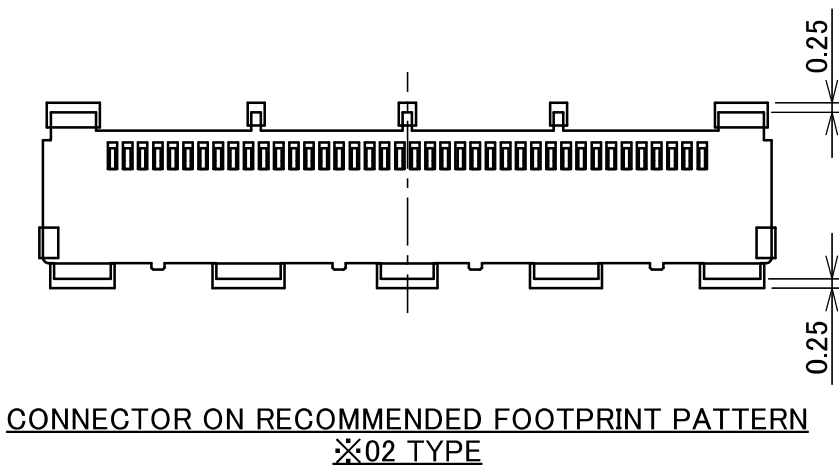
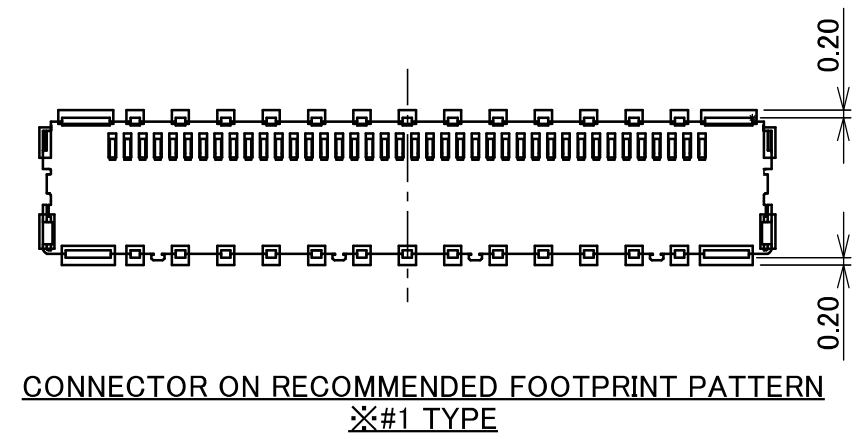
02 TYPE



02 TYPE 70P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)
 ※ METAL MASK THICKNESS : t = 0.12

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY	SCALE 5:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No. 20879	SIZE A3	SHEET 19/22	REV. 19	

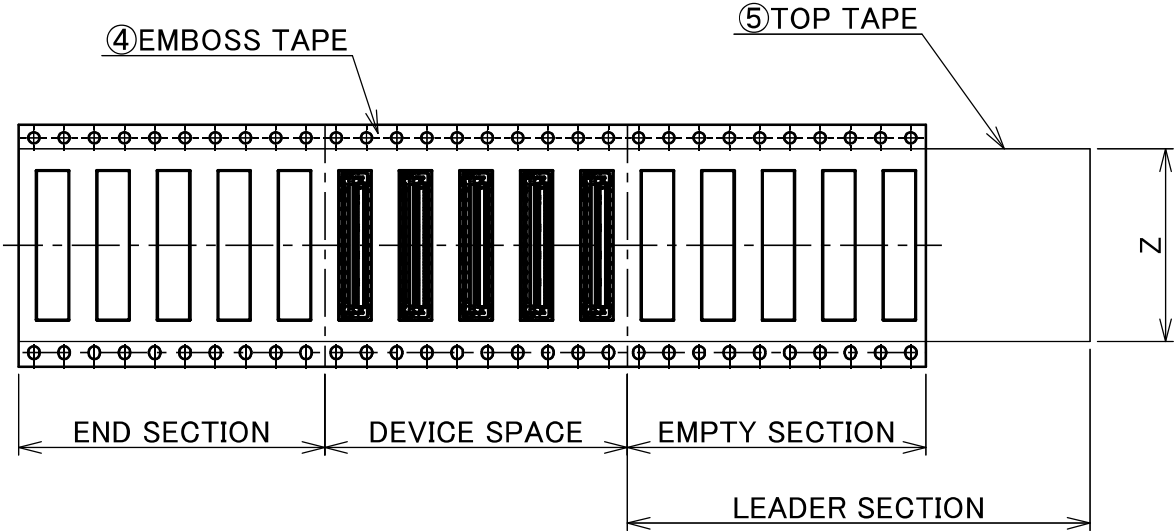
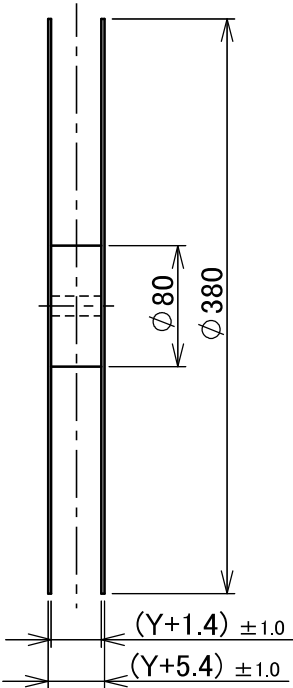
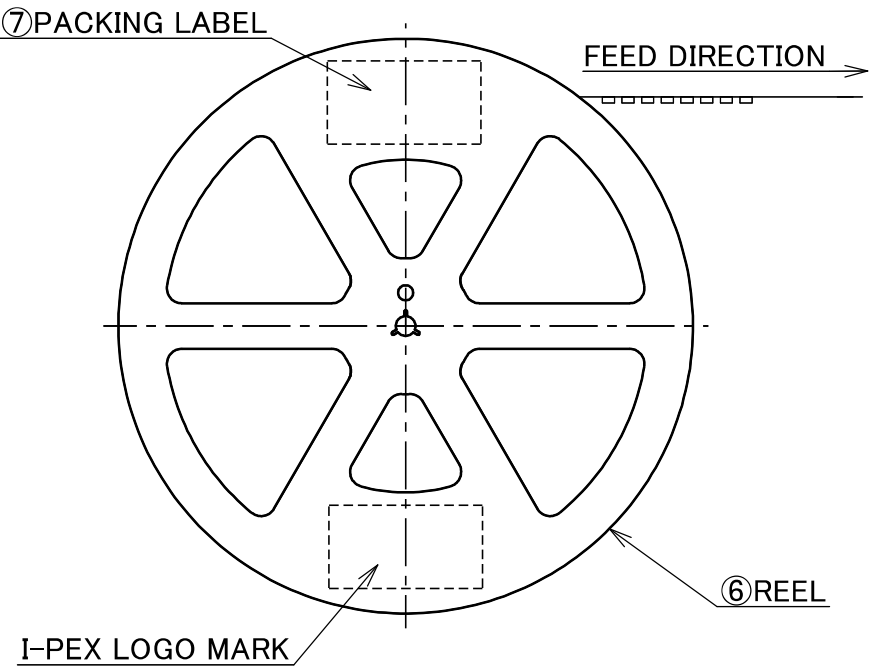
PATENT PENDING



ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20879		SIZE	SHEET	REV.
						A3	20/22	19

PART NO.	Y	Z	AA	AB	AC	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20879-030E-#1	32.00	25.50	14.20	28.40	15.67	4500 / REEL	4 / CARTON = 18000
20879-040E-#1	32.00	25.50	14.20	28.40	19.67	4500 / REEL	4 / CARTON = 18000
20879-050E-#1	44.00	37.50	20.20	40.40	23.67	4500 / REEL	3 / CARTON = 13500
20879-060E-#1	44.00	37.50	20.20	40.40	27.67	4500 / REEL	3 / CARTON = 13500
20879-070E-#1	44.00	37.50	20.20	40.40	31.67	4500 / REEL	3 / CARTON = 13500

#1 TYPE

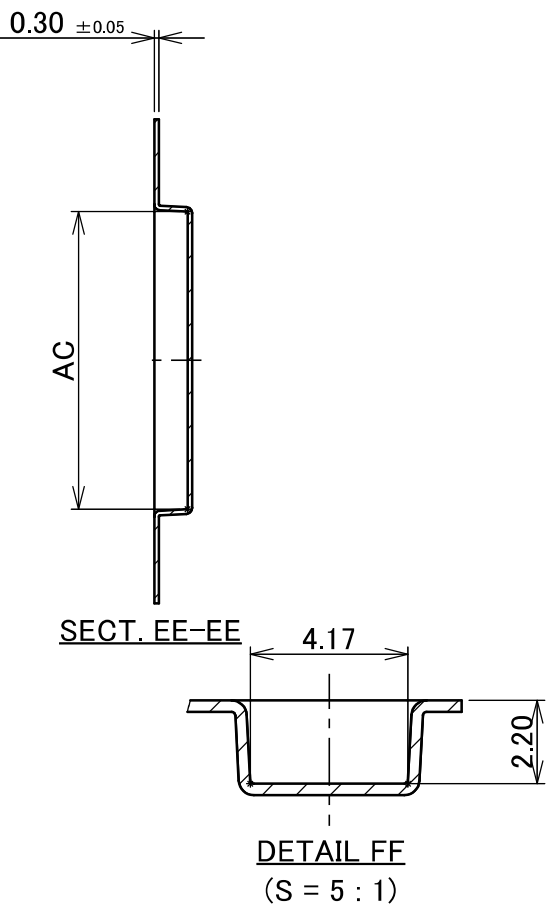
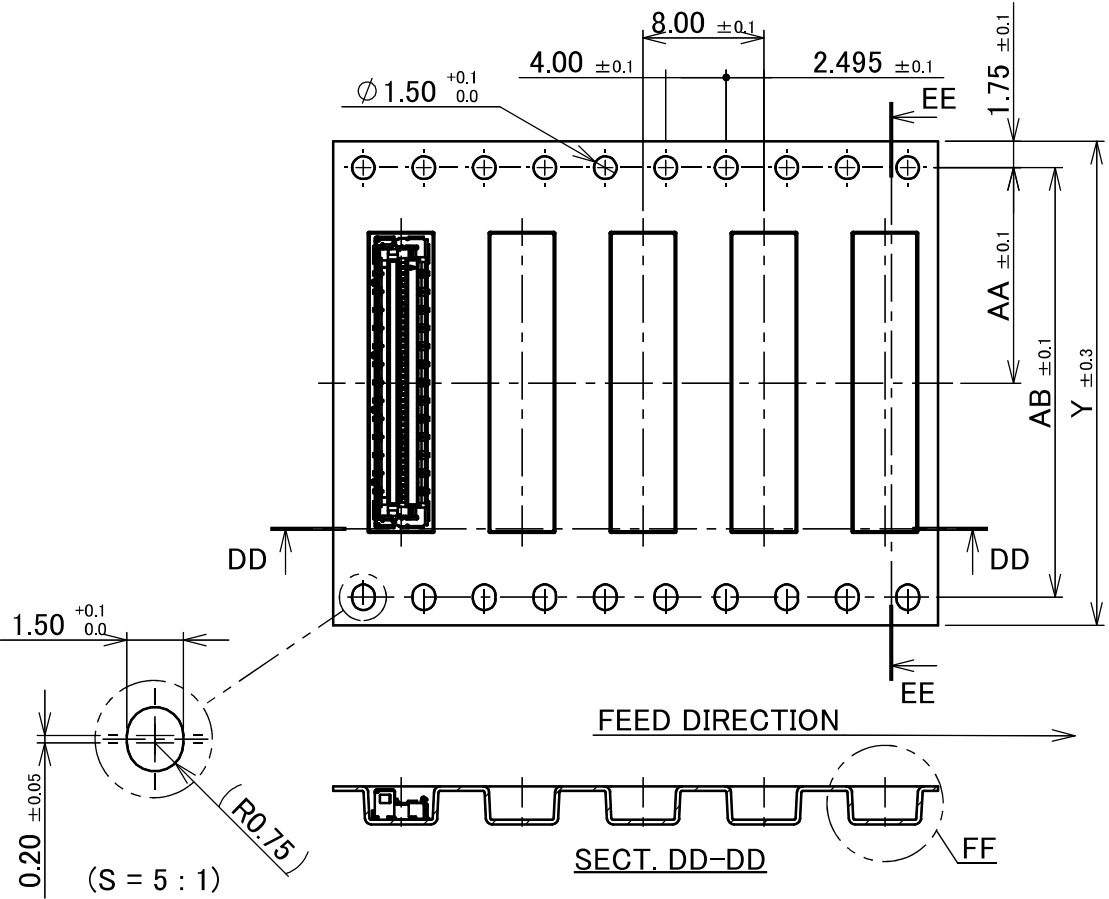


PATENT PENDING

- NOTES.
3. TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3).
 4. EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE FOLLOW JIS C 0806 (IEC 60286-3).
 5. TOP TAPE SHALL NOT STICK OUT FROM EMBOSS TAPE.
 6. TOP TAPE SHALL NOT COVER FEED HOLE.

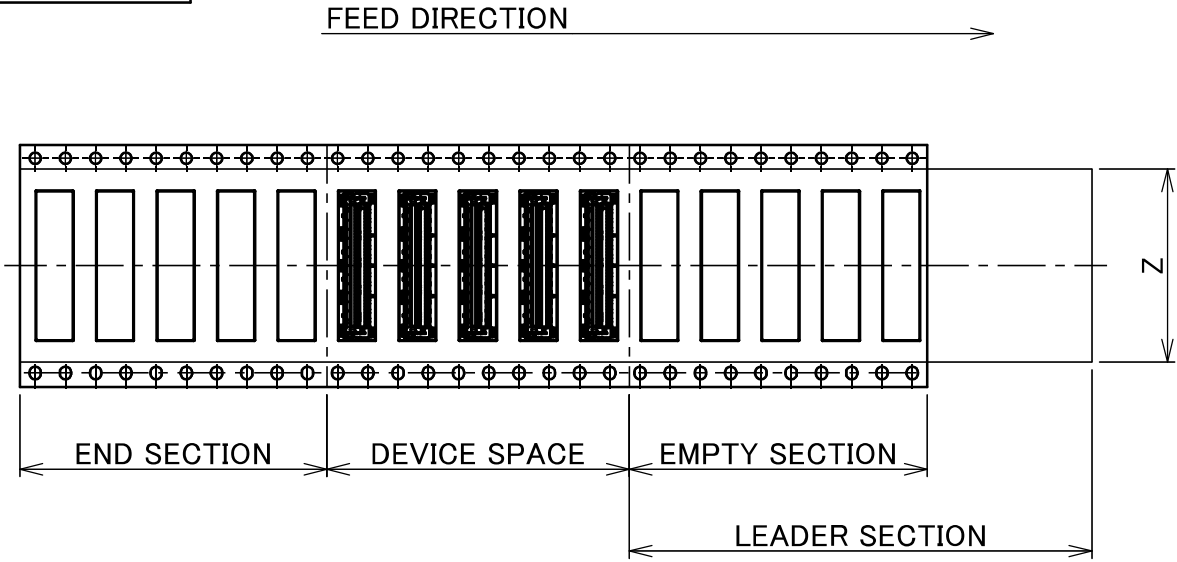
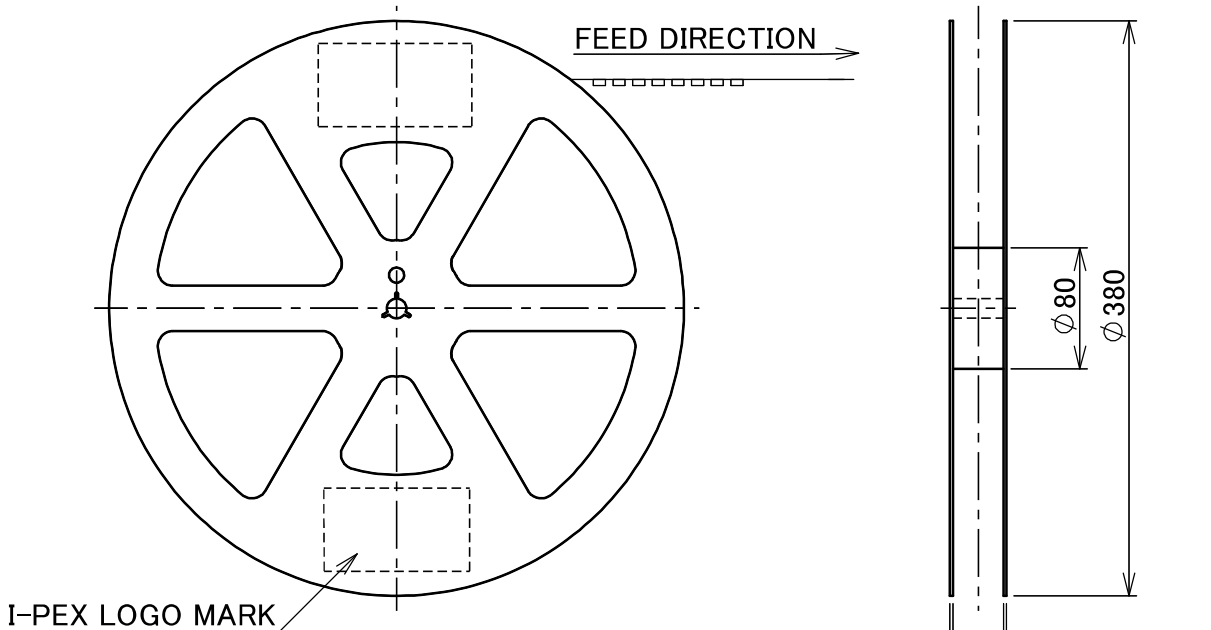
7	PACKING LABEL	-	-
6	REEL	PS	ANTI-STATIC TYPE BLACK
5	TOP TAPE	PET TRANSPARENCY	ANTI-STATIC TYPE
4	EMBOSS TAPE	PS TRANSPARENCY	ANTI-STATIC TYPE
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R5			
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					UNIT		
CHK.						mm		
APP.								
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	21/22	19



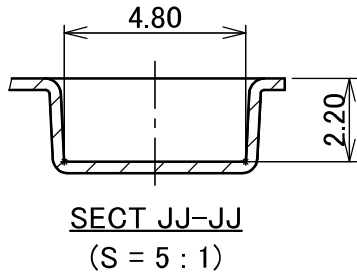
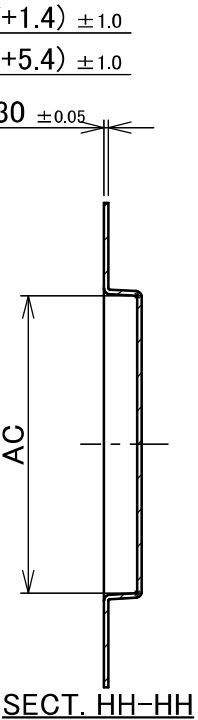
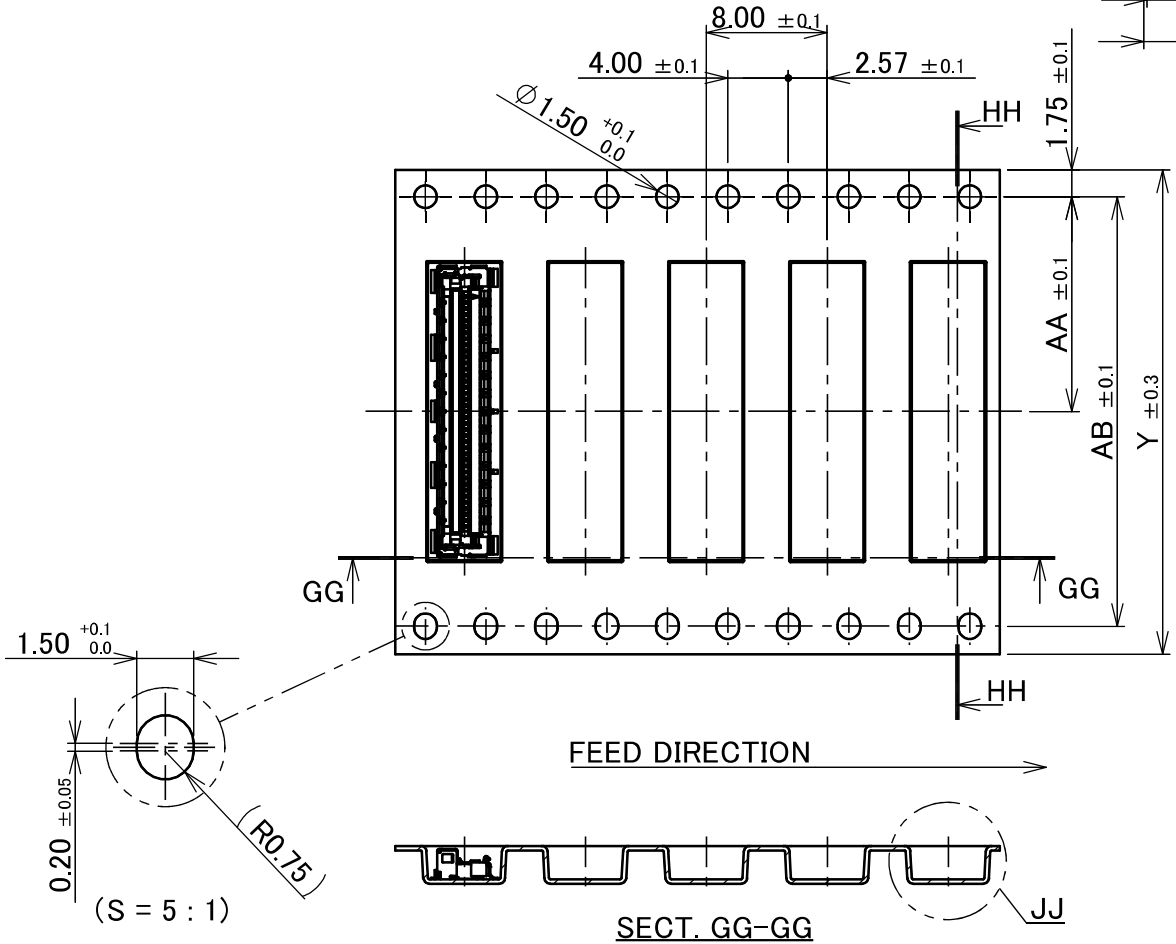
PART NO.	Y	Z	AA	AB	AC	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20879-030E-02	32.00	25.50	14.20	28.40	15.67	4500 / REEL	4 / CARTON = 18000
20879-040E-02	32.00	25.50	14.20	28.40	19.67	4500 / REEL	4 / CARTON = 18000
20879-050E-02	44.00	37.50	20.20	40.40	23.67	4500 / REEL	3 / CARTON = 13500
20879-060E-02	44.00	37.50	20.20	40.40	27.67	4500 / REEL	3 / CARTON = 13500
20879-070E-02	44.00	37.50	20.20	40.40	31.67	4500 / REEL	3 / CARTON = 13500

02 TYPE



PATENT PENDING

- NOTES.
3. TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3).
 4. EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE FOLLOW JIS C 0806 (IEC 60286-3).
 5. TOP TAPE SHALL NOT STICK OUT FROM EMBOSS TAPE.
 6. TOP TAPE SHALL NOT COVER FEED HOLE.



ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R5			
GENERAL TOLERANCE.				TITLE CABLIN®-UM RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					2:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	22/22	19