

Recommended P/N 20879-0**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

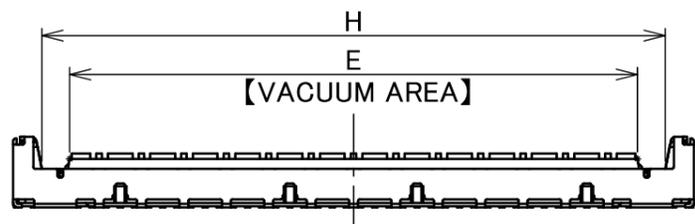
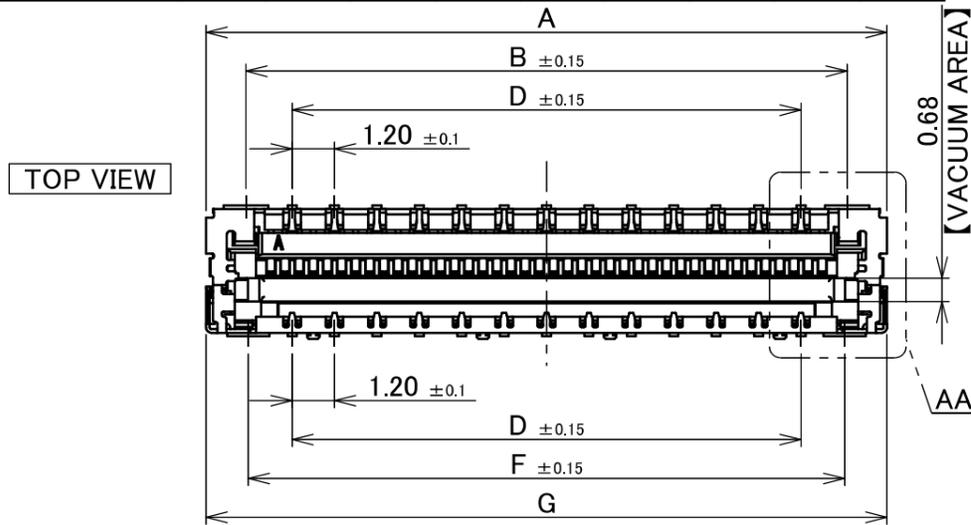
P/N : 20879-0**E-##

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

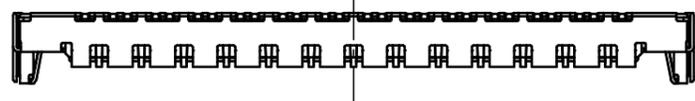
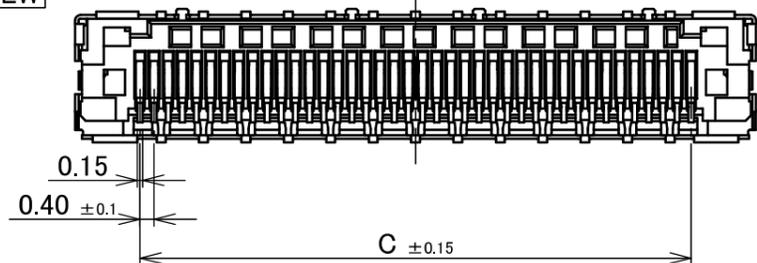
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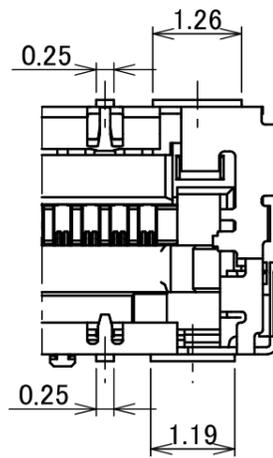
Halogen Free RoHS Compliant



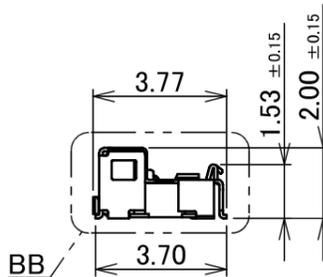
BOTTOM VIEW



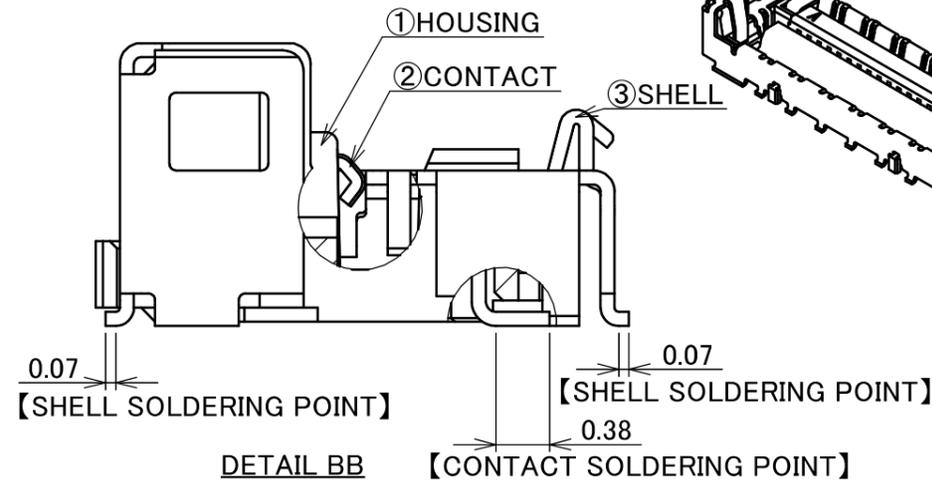
PATENT PENDING



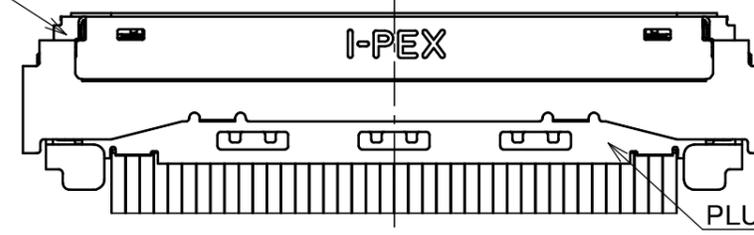
DETAIL AA (S=10:1)



DETAIL BB (S=20:1)



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 μm MIN. CONTACT & SOLDERING AREA : Au 0.03 μm MIN.
20879-0**E-11	ALL OVER Ni 1.27 μm MIN. CONTACT AREA : Au 0.254 μm MIN. SOLDERING AREA : Au 0.03 μm MIN.

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

REV.	ECN	BY	DATE	APP.	APP.	PROJECTION	SERIES No.	TITLE	SCALE	SHEET	REV.
20	ZC00524	T.Ono	2026/03/06	H.I	ANGLE ±2° 6 OVER 30 MAX. ±0.3	PROJECTION	R5	CABLINEX-UM RECEPTACLE ASSEMBLY	5:1	A3	20
19	ZC00483	T.Ono	2026/02/16	H.I	6 MAX. ±0.2 30 OVER 120 MAX. ±0.5						
18	ZC00278	T.Ono	2025/11/21	T.M	GENERAL TOLERANCE.						
17	ZC00146	R.M	2025/10/06	T.M	DWG. DATE T.Masunaga 2019/01/10						
16	Z250942	K.W	2025/06/16	M.T	CHK. -						
15	Z241861	K.Ta	2024/12/24	T.M	APP. H.Ikari						
REVISION RECORD					H.Ikari	DWG. No.	20879			1/23	

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

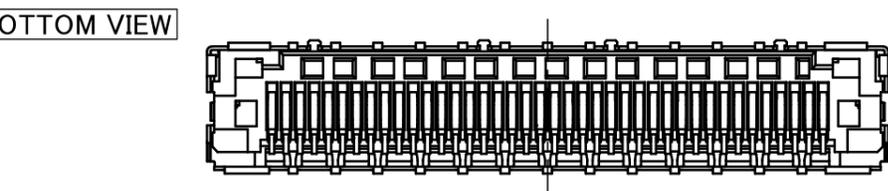
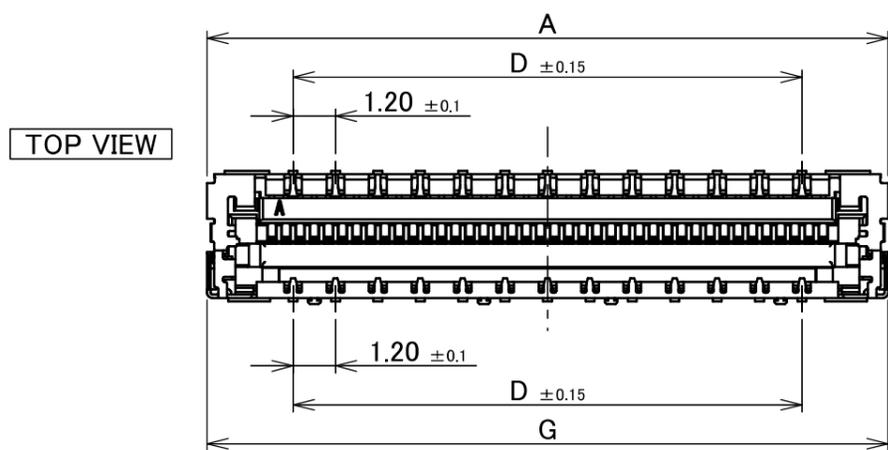
PART NO.	Pos.	A	D	G
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20879-040E-#1	40	19.27	14.40	19.27
20879-050E-#1	50	23.27	17.60	23.27
20879-060E-#1	60	27.27	21.60	27.27
20879-070E-#1	70	31.27	26.40	31.27



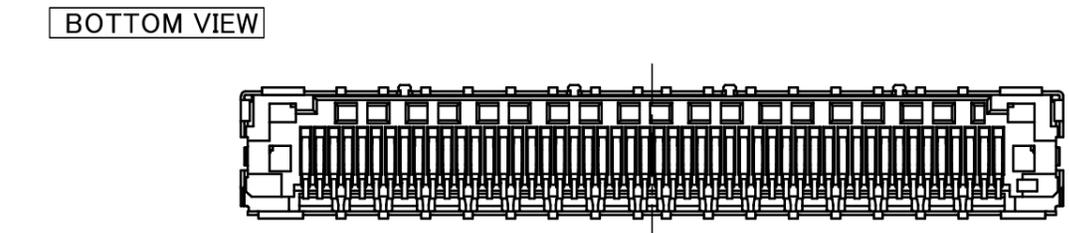
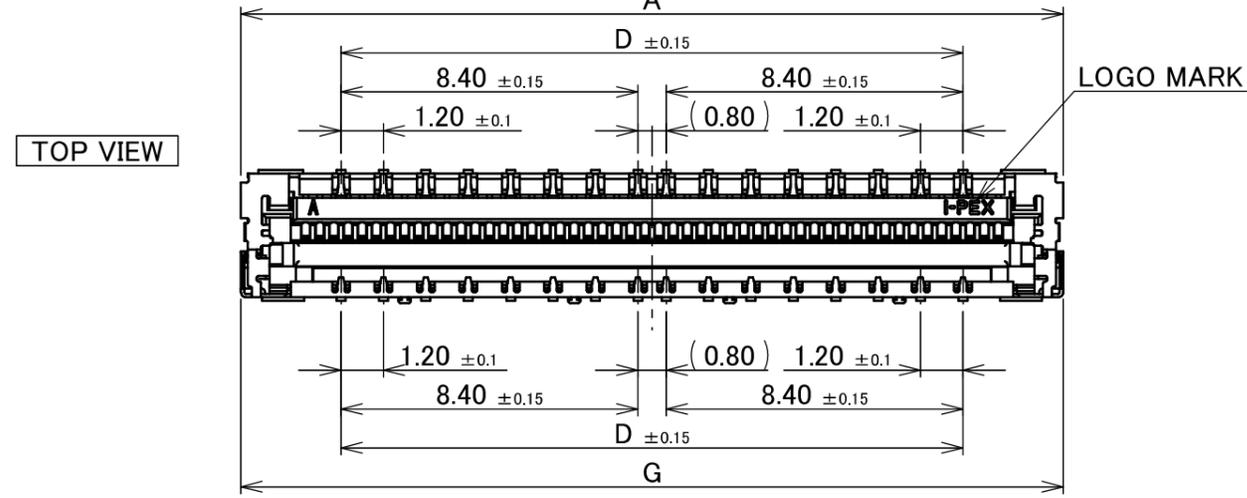
Halogen Free



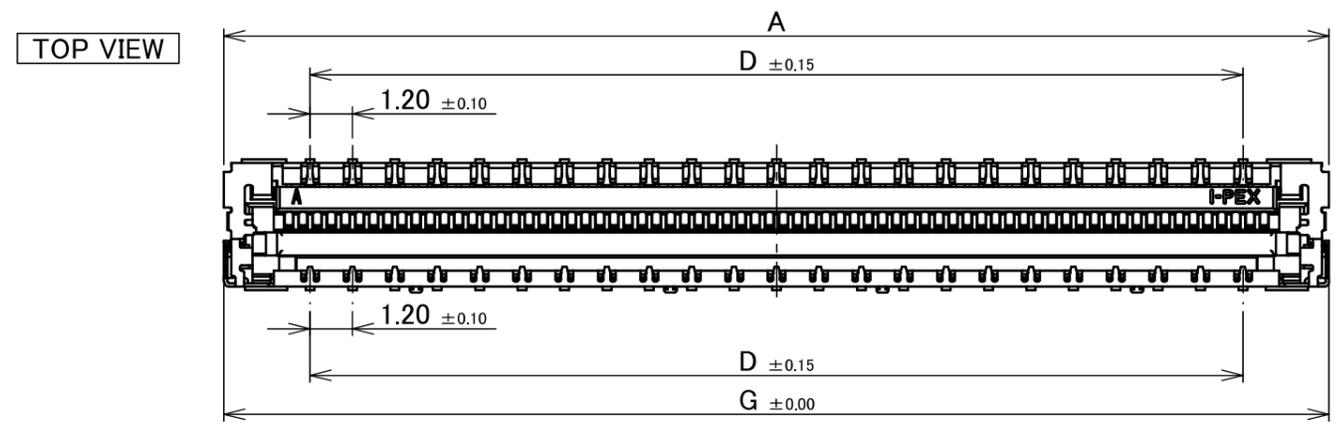
RoHS Compliant



30P, 40P, 60P



50P



70P

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		SCALE	I-PEX		
DWG.	DATE			CABLIN [®] -UM RECEPTACLE ASSEMBLY		5:1			
CHK.						UNIT			
APP.						mm			
				DWG. No.	20879	SIZE	SHEET	REV.	
						A3	2/23	20	

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

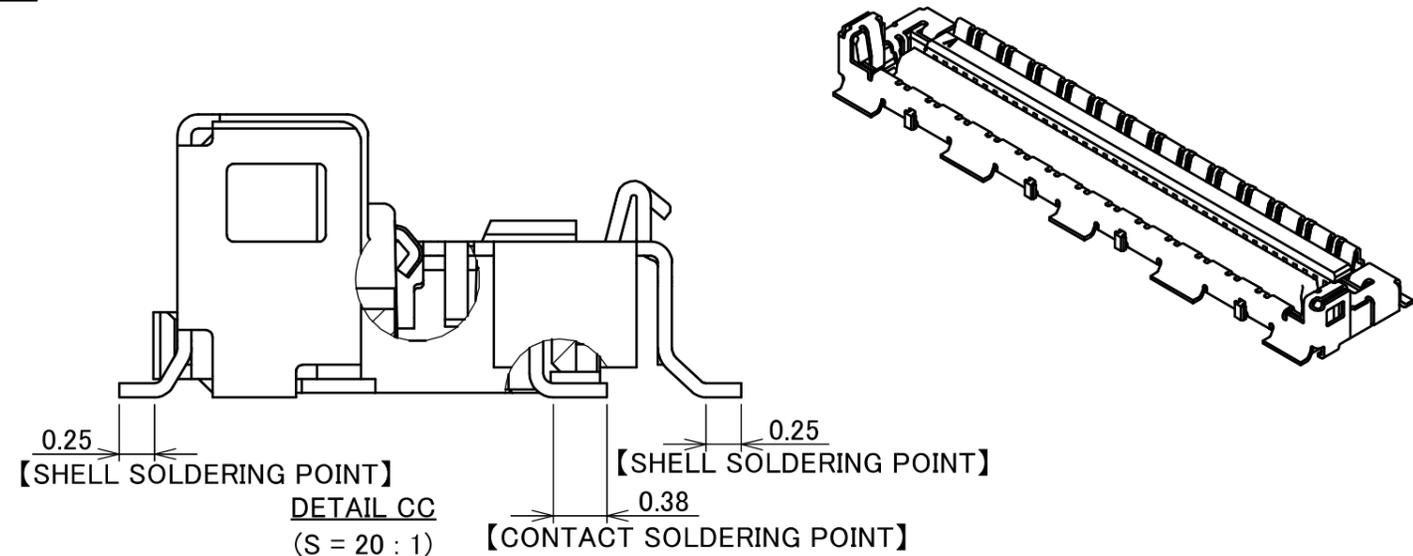
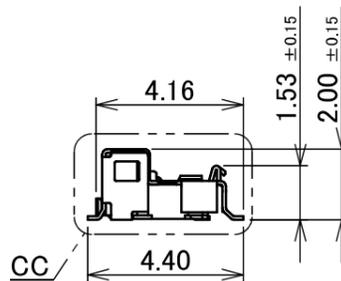
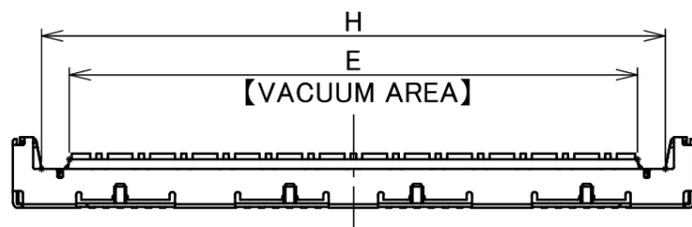
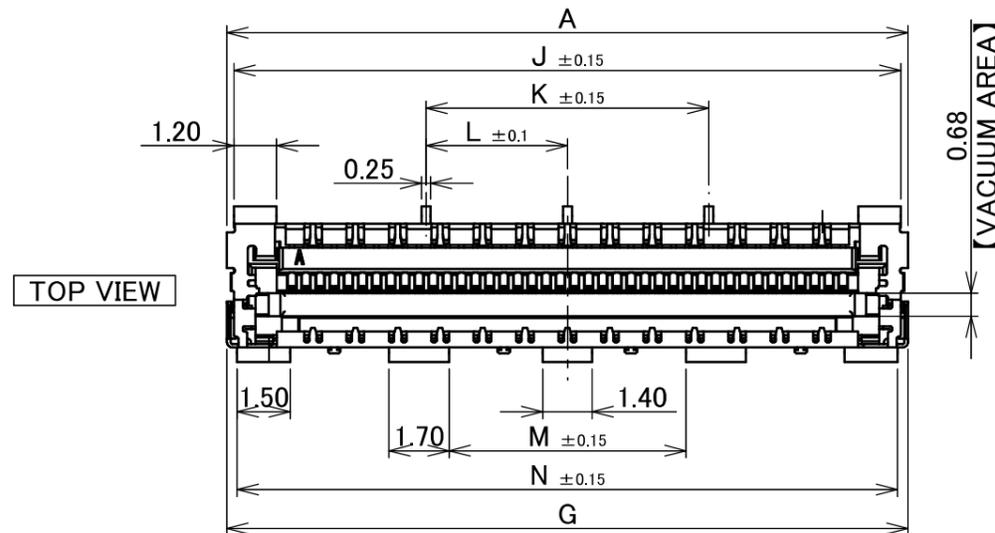
02 TYPE



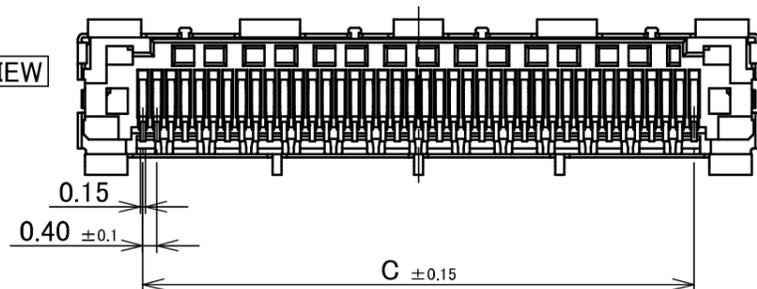
Halogen Free



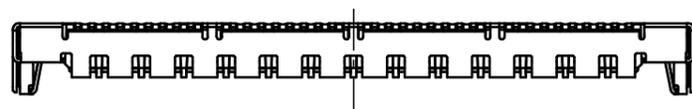
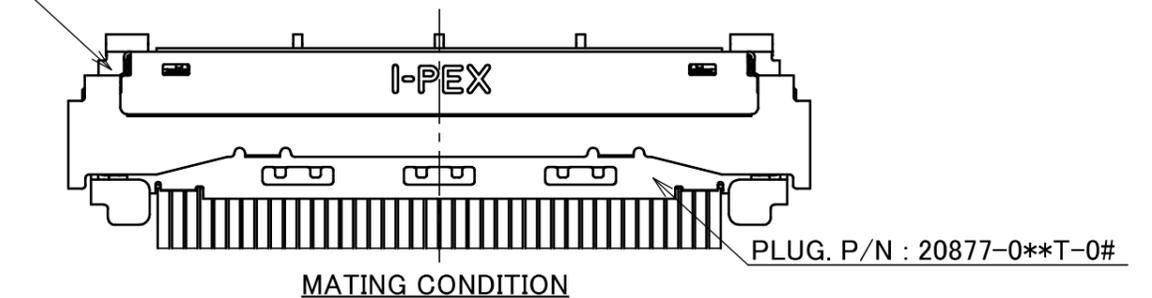
RoHS Compliant



BOTTOM VIEW



RECE. P/N : 20879-0**E-02



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		SCALE	I-PEX		
DWG.	DATE			CABLINE®-UM RECEPTACLE ASSEMBLY		5:1			
CHK.						UNIT			
APP.				DWG. No. 20879		mm			
						SIZE	SHEET	REV.	
						A3	3/23	20	

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



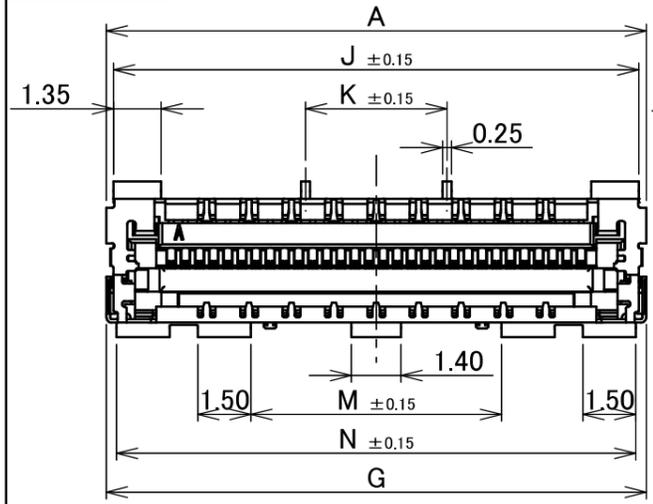
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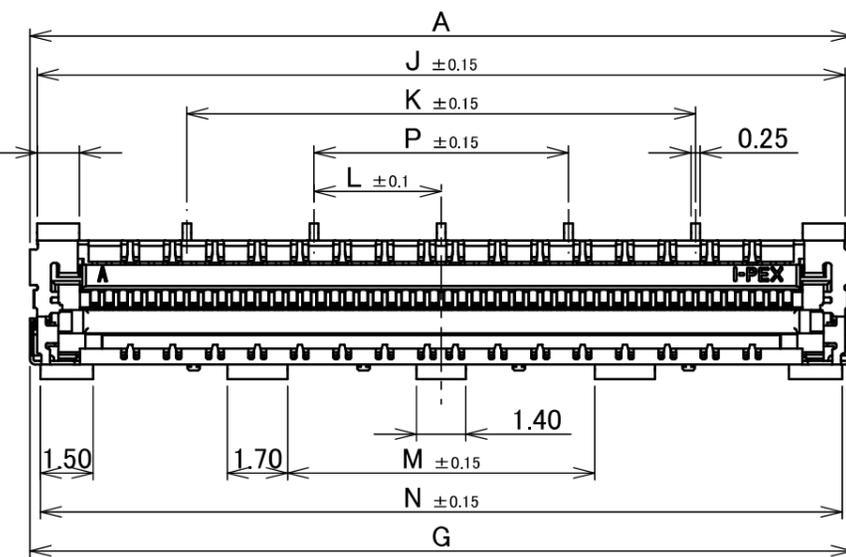
RoHS Compliant

TOP VIEW

TOP VIEW

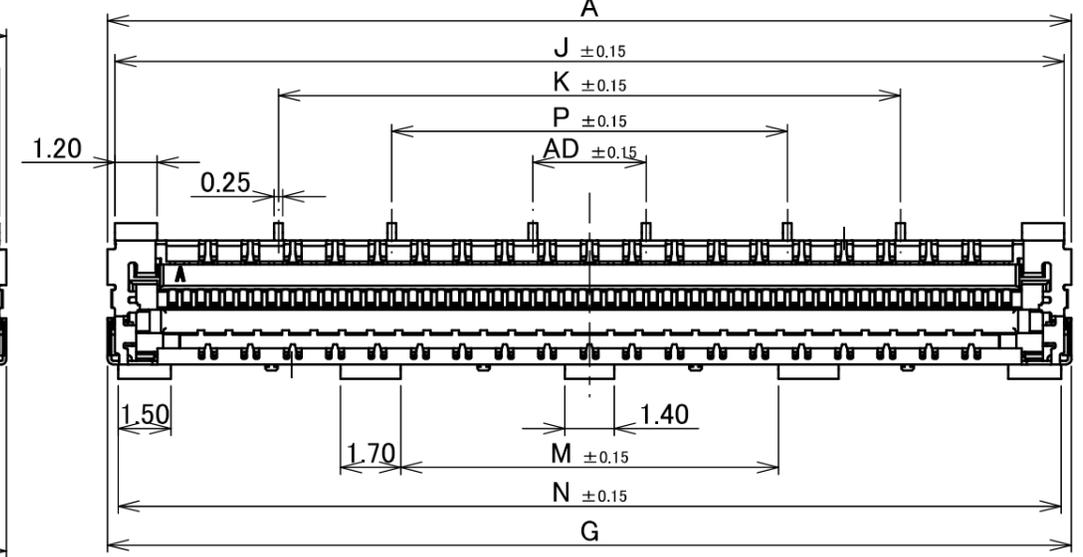


30P SHAPE
(S = 5 : 1)



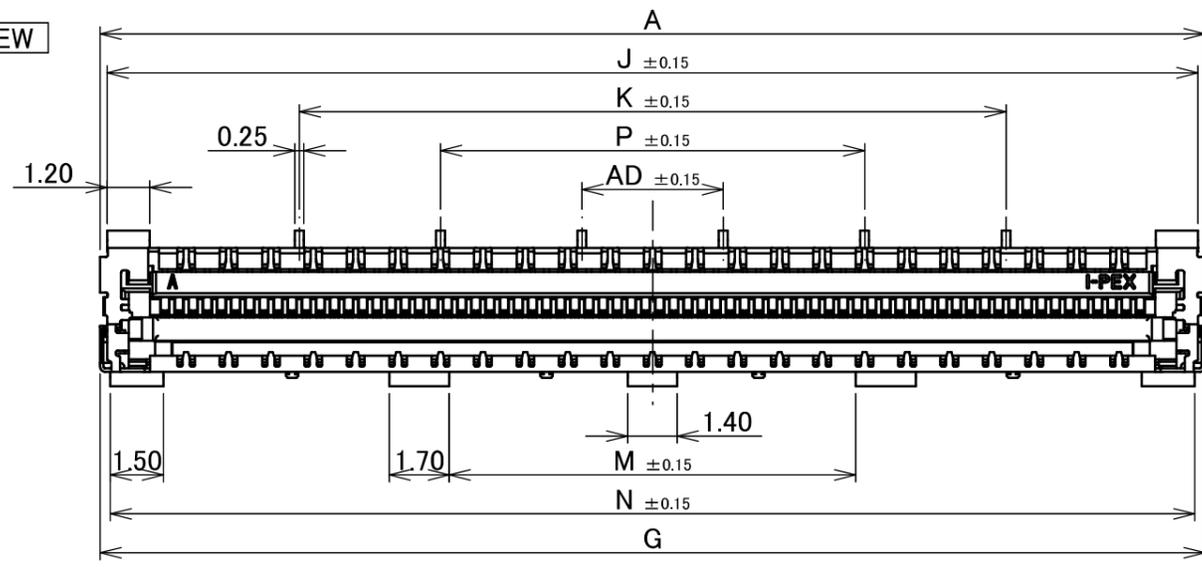
50P SHAPE
(S=5/1)

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. R5	CUSTOMER COPY		
	6 MAX.	±0.2	30 OVER 120 MAX.					
GENERAL TOLERANCE.				TITLE CABLIN® -UM RECEPTACLE ASSEMBLY	SCALE 5:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20879	SIZE A3	SHEET 4/23	REV. 20

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I-PEX Inc.

QKE-DFE06-02 REV.12

FOR CABLINE-UM PLUG CABLE ASSEMBLY (DWG NO. 20877)

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°C TO +105°C)
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. 70P : 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	$\pm 2^\circ$	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							
CHK.								
APP.								
				DWG. No.	20879	SIZE A3	SHEET 5/23	REV. 20

FOR CABLINE-UMF PLUG FPC ASSEMBLY (DWG NO. 21102)

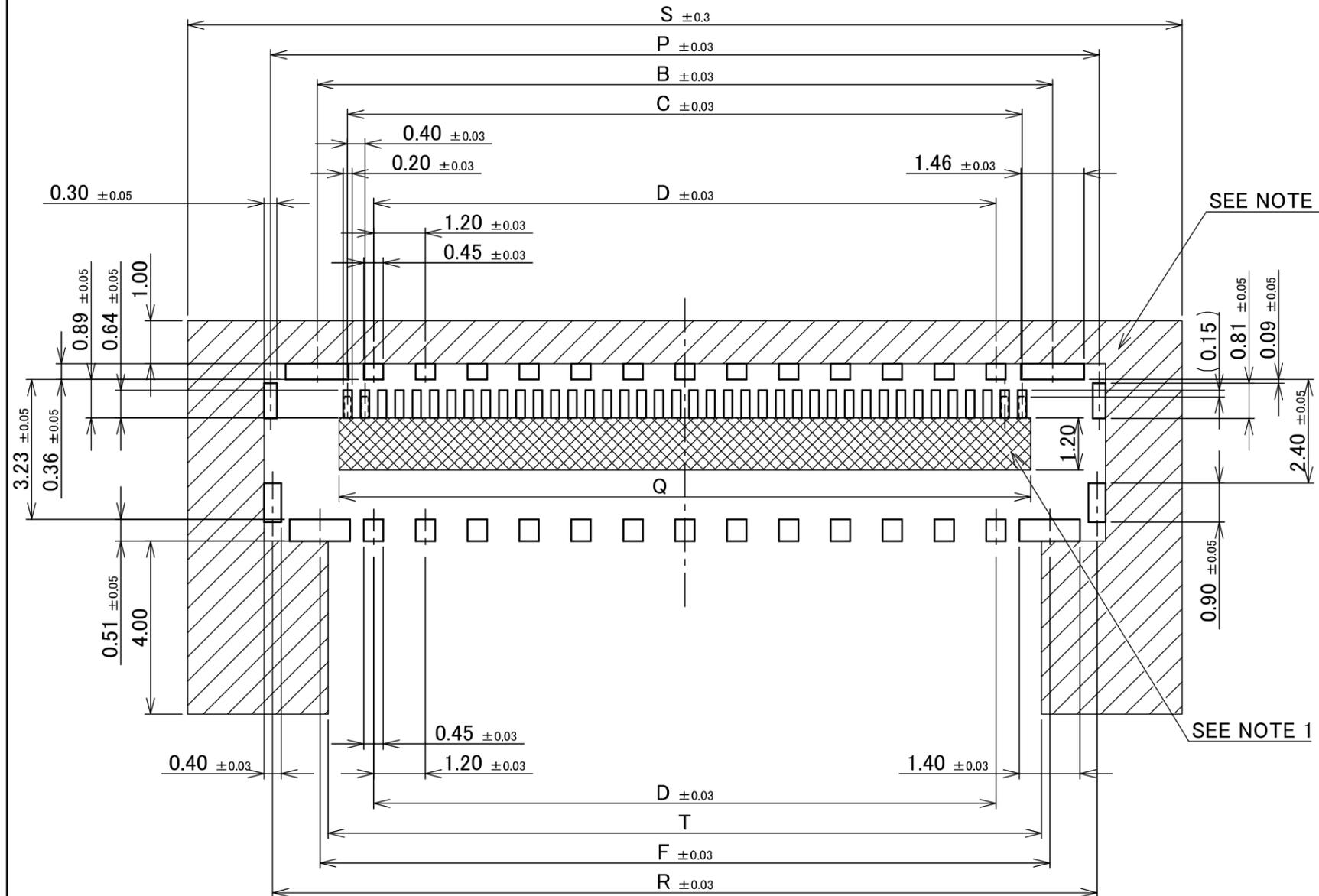
ITEMS	SPECIFICATION
RATED VOLTAGE	100V AC (PER CONTACT PIN) ※THIS IS THE RATED VOLTAGE OF THE CONNECTOR.
RATED AMPERAGE (FOR SIGNAL CONTACT)	0.5A AC/DC (PER CONTACT PIN) ※AVAILABLE UP TO 31PIN 0.3A AC/DC (PER CONTACT PIN) ※AVAILABLE UP TO ALL PIN ※TO BE DETERMINED BY PROTOTYPE EVALUATION ※TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION
OPERATING TEMPERATURE	233 TO 378K (-40°C TO +105°C)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 60mohm MAX. / AFTER TEST : \triangleleft 40mohm MAX.
GROUND SHELL RESISTANCE	INITIAL : 50mohm MAX. / AFTER TEST : \triangleleft 40mohm MAX.
INSULATION RESISTANCE	INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	40P : 40.0N MAX. / 70P : 58.0N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	40P : 4.0N MIN. / 70P : 7.0N MIN.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2997
TEST REPORT	TR-26009
PACKING STANDARD	PST-18043
INSTRUCTION MANUAL	HIM-25007
APPEARANCE CRITERIA No.	QLS-A***

※Only the single-hook pull jig is permitted
The dual-hook pull jig is not allowed

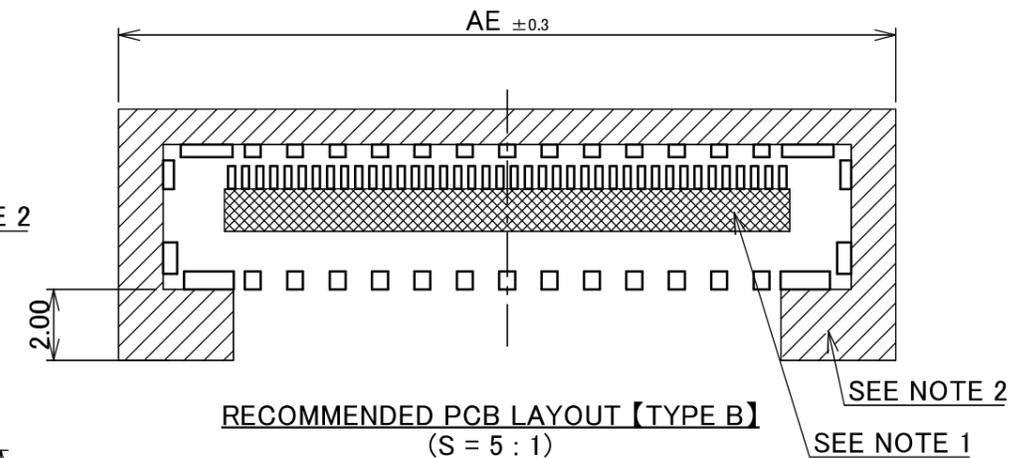
ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R5	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UM RECEPTACLE ASSEMBLY	SCALE -	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	6/23	20

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

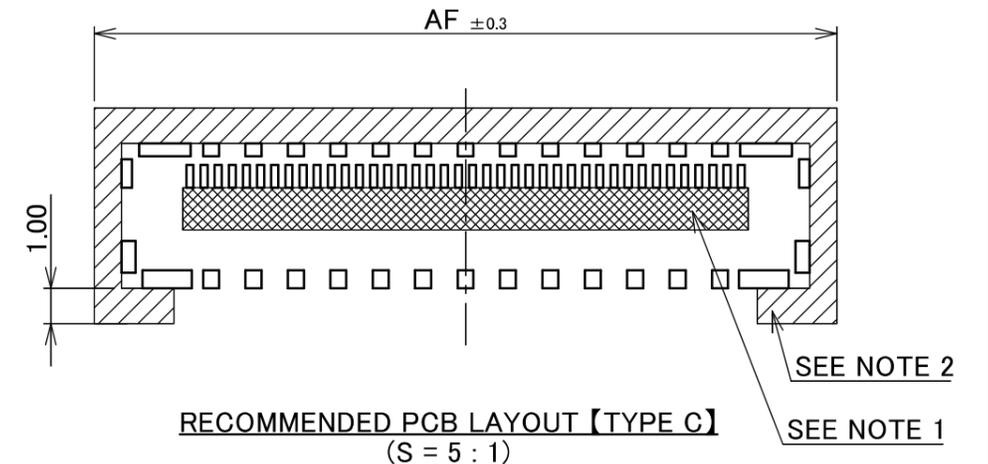
PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	



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

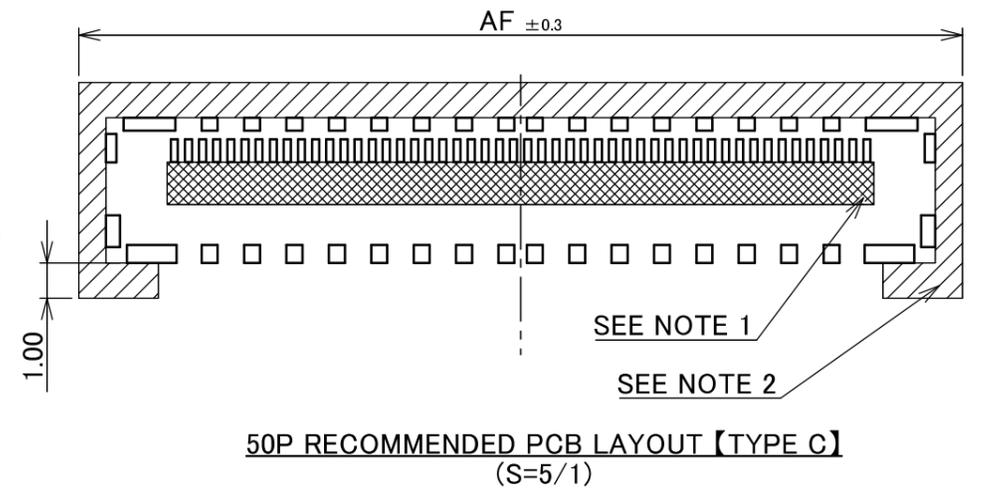
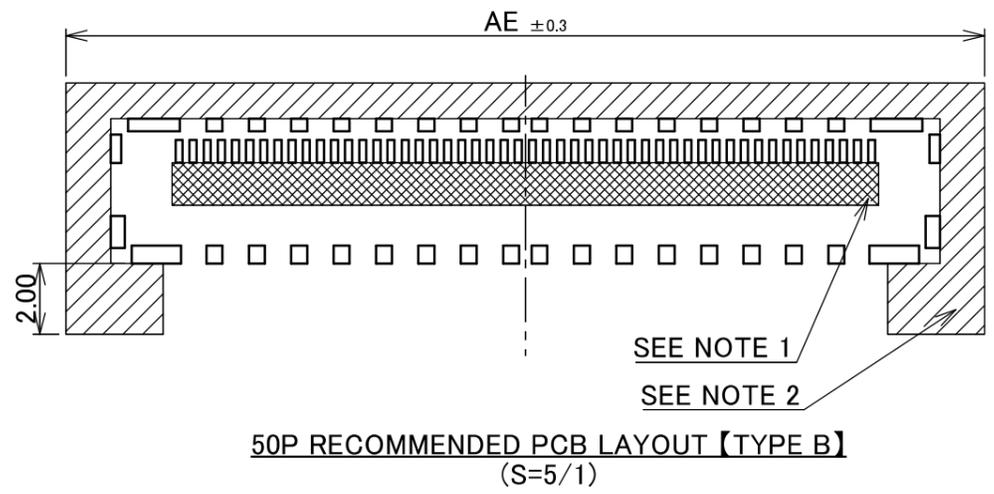
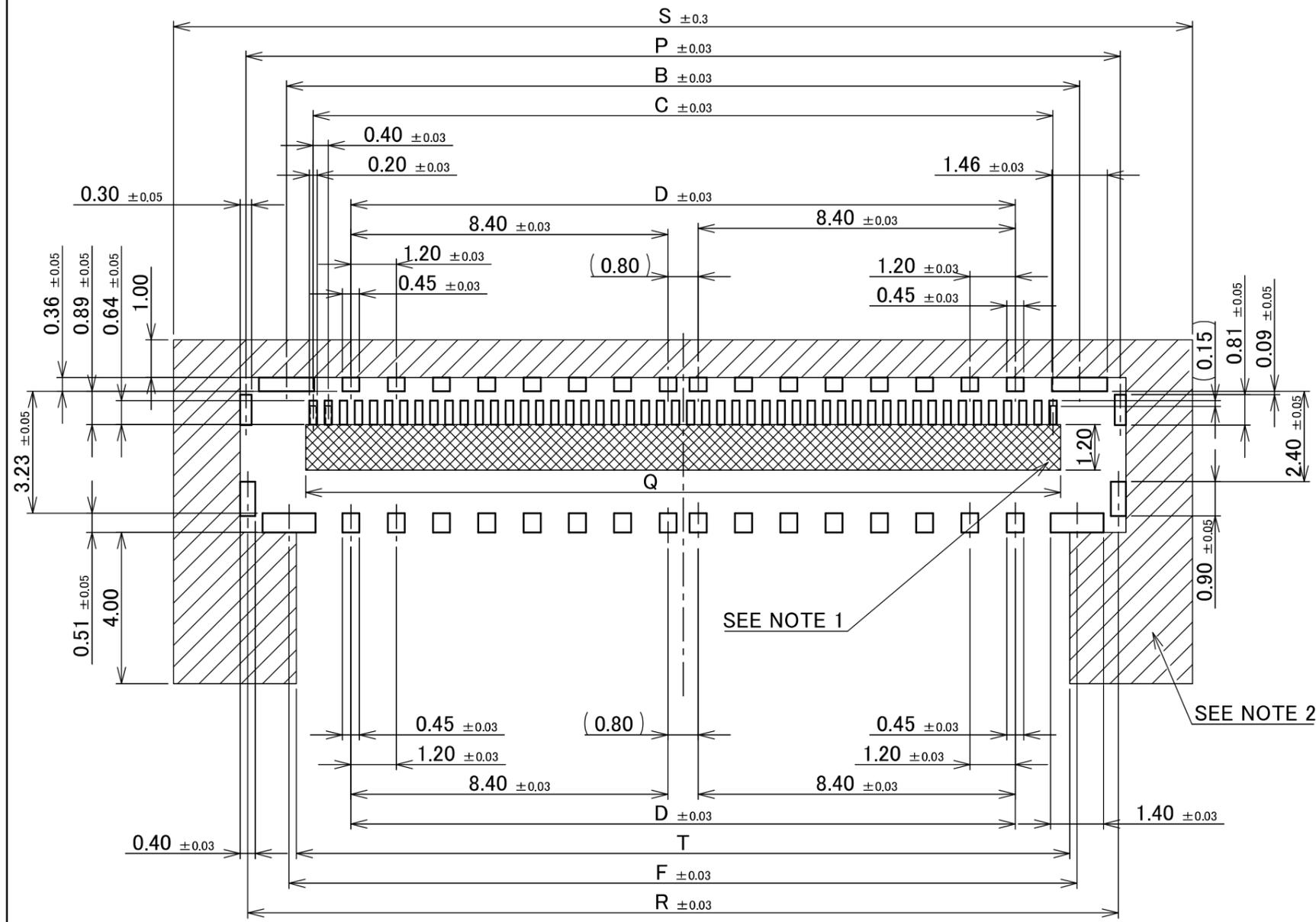
NOTES.

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. R5	CUSTOMER COPY					
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5								
GENERAL TOLERANCE.				TITLE CABLIN [®] -UM RECEPTACLE ASSEMBLY	SCALE 10:1	I-PEX					
DWG.	DATE								UNIT mm		
CHK.									SIZE A3	SHEET 7/23	REV. 20
APP.									DWG. No. 20879		

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
	-	



50P RECOMMENDED PCB LAYOUT [TYPE A]
(S=7/1)

PATENT PENDING

NOTES.

- SOLDER RESIST MUST BE APPLIED TO THIS AREA.
- 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		SCALE	I-PEX		
DWG.	DATE			CABLIN®-UM RECEPTACLE ASSEMBLY		10:1			
CHK.						UNIT			
APP.				DWG. No. 20879		mm			
				20879		SIZE	SHEET	REV.	
						A3	8/23	20	

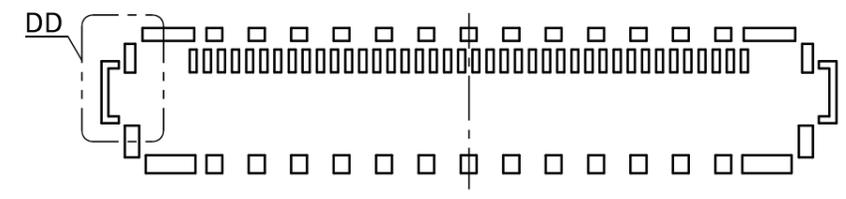
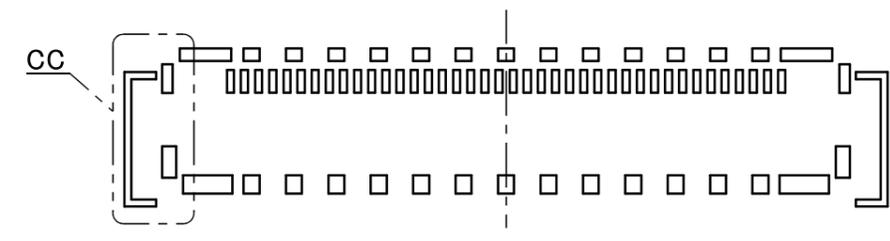
PART No.	Pos.
20879-030E-#1	30
20879-040E-#1	40
20879-050E-#1	50
20879-060E-#1	60
20879-070E-#1	70

PATENT PENDING

#1 TYPE

With LOCK COVER

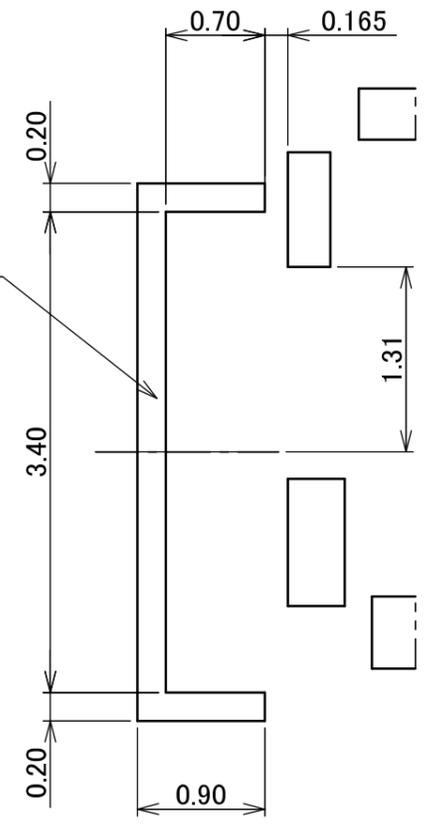
Without LOCK COVER & With PULL TAPE HOLDER



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

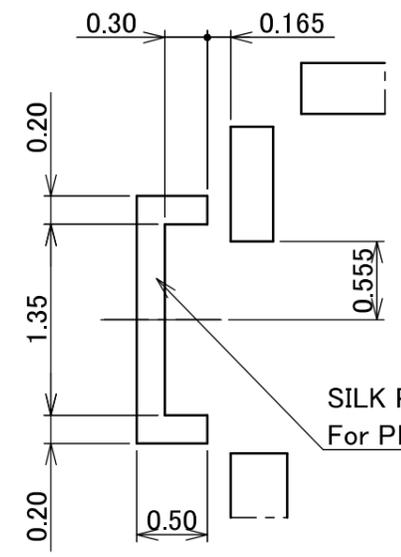
RECOMMENDED SILK PRINT For Without LOCK COVER
(S = 5 : 1)

SILK PRINT
For PLUG INSERTION CHECK



DETAIL CC
(S = 20 : 1)

SILK PRINT
For PLUG INSERTION CHECK



DETAIL DD
(S = 20 : 1)

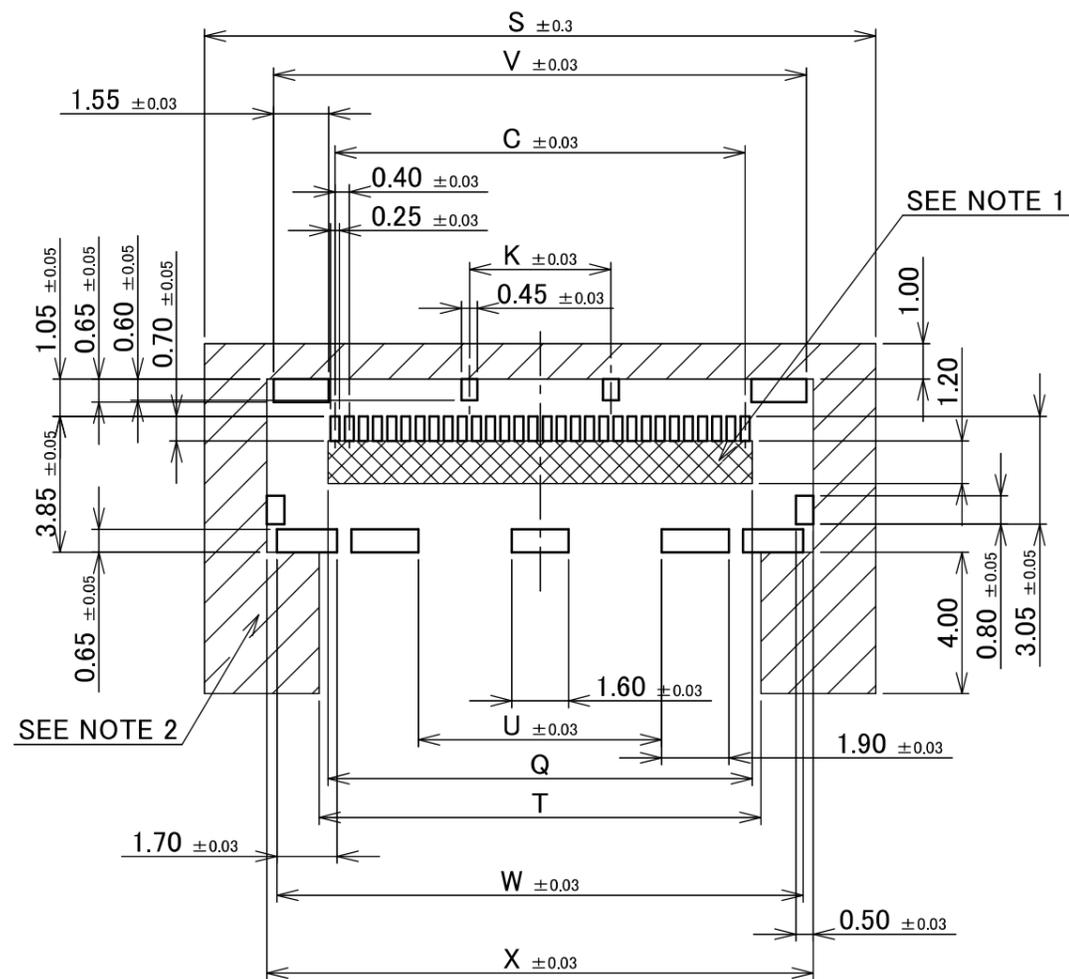
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R5	CUSTOMER COPY				
	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		TITLE CABLIN [®] -UM RECEPTACLE ASSEMBLY	SCALE 5:1	I-PEX		
GENERAL TOLERANCE.						UNIT mm				
DWG.					DATE	SIZE A3	SHEET 9/23			REV. 20
CHK.						DWG. No. 20879				
APP.										

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

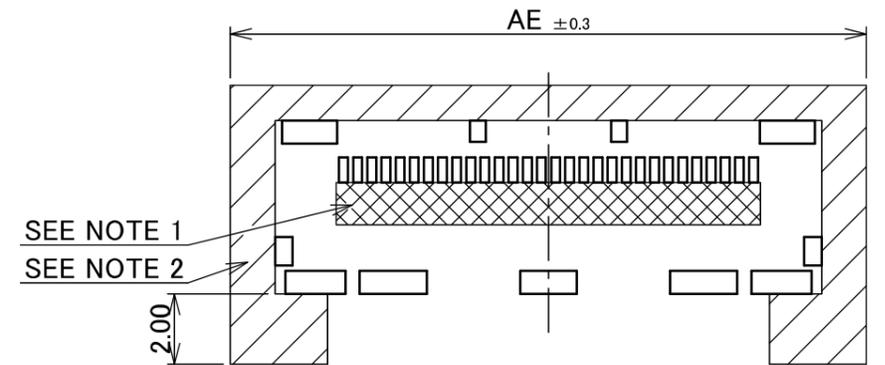
PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	

02 TYPE

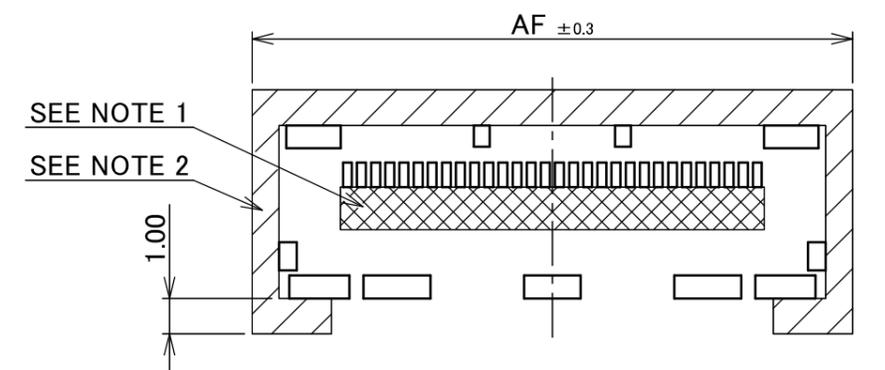
PATENT PENDING



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.

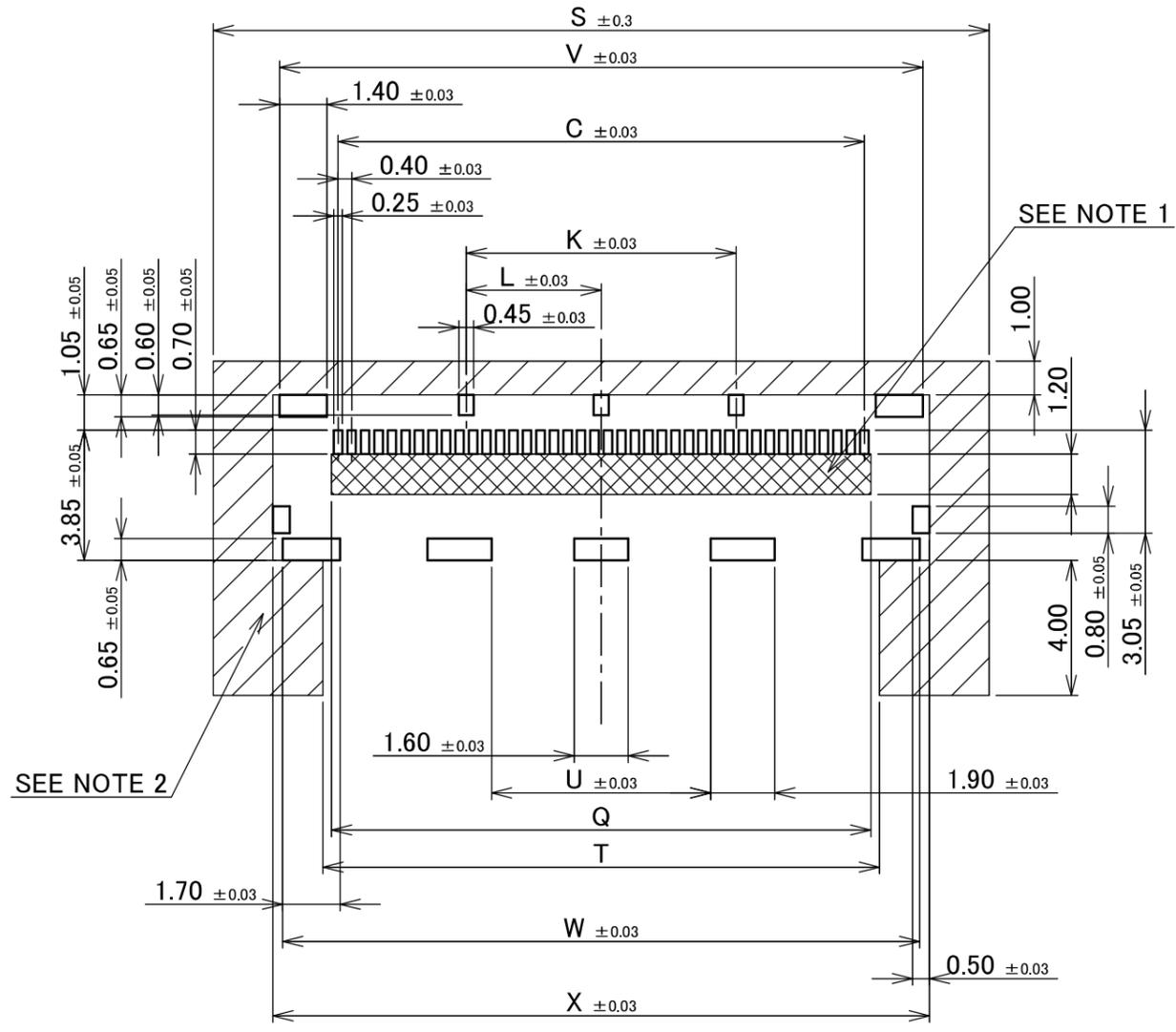
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UM RECEPTACLE ASSEMBLY	SCALE 5:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	10/23	20

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

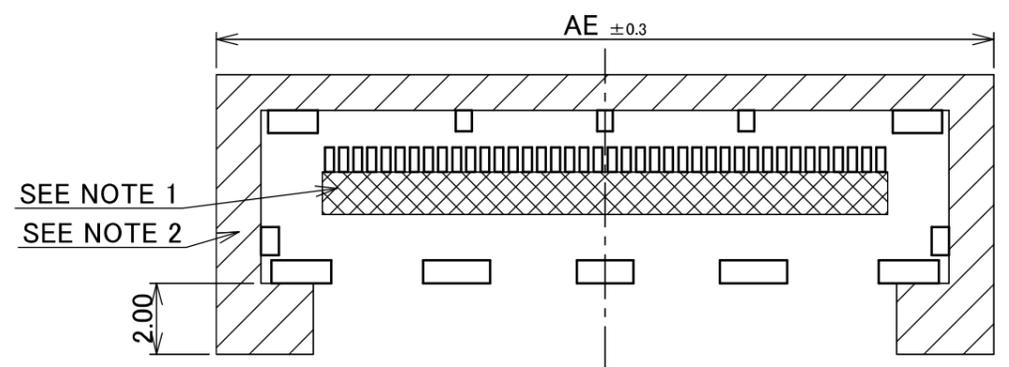
PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	

02 TYPE

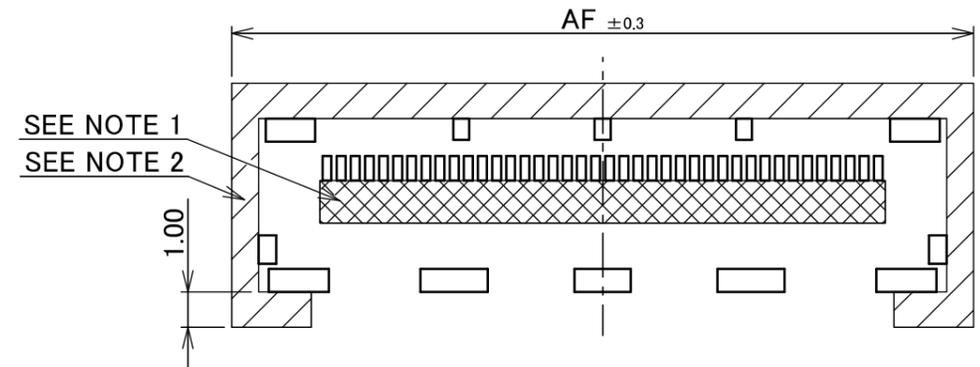
PATENT PENDING



02 TYPE 40P RECOMMENDED PCB LAYOUT【TYPE A】
(S = 5 : 1)



02 TYPE 40P RECOMMENDED PCB LAYOUT【TYPE B】
(S = 5 : 1)



02 TYPE 40P RECOMMENDED PCB LAYOUT【TYPE C】
(S = 5 : 1)

NOTES.

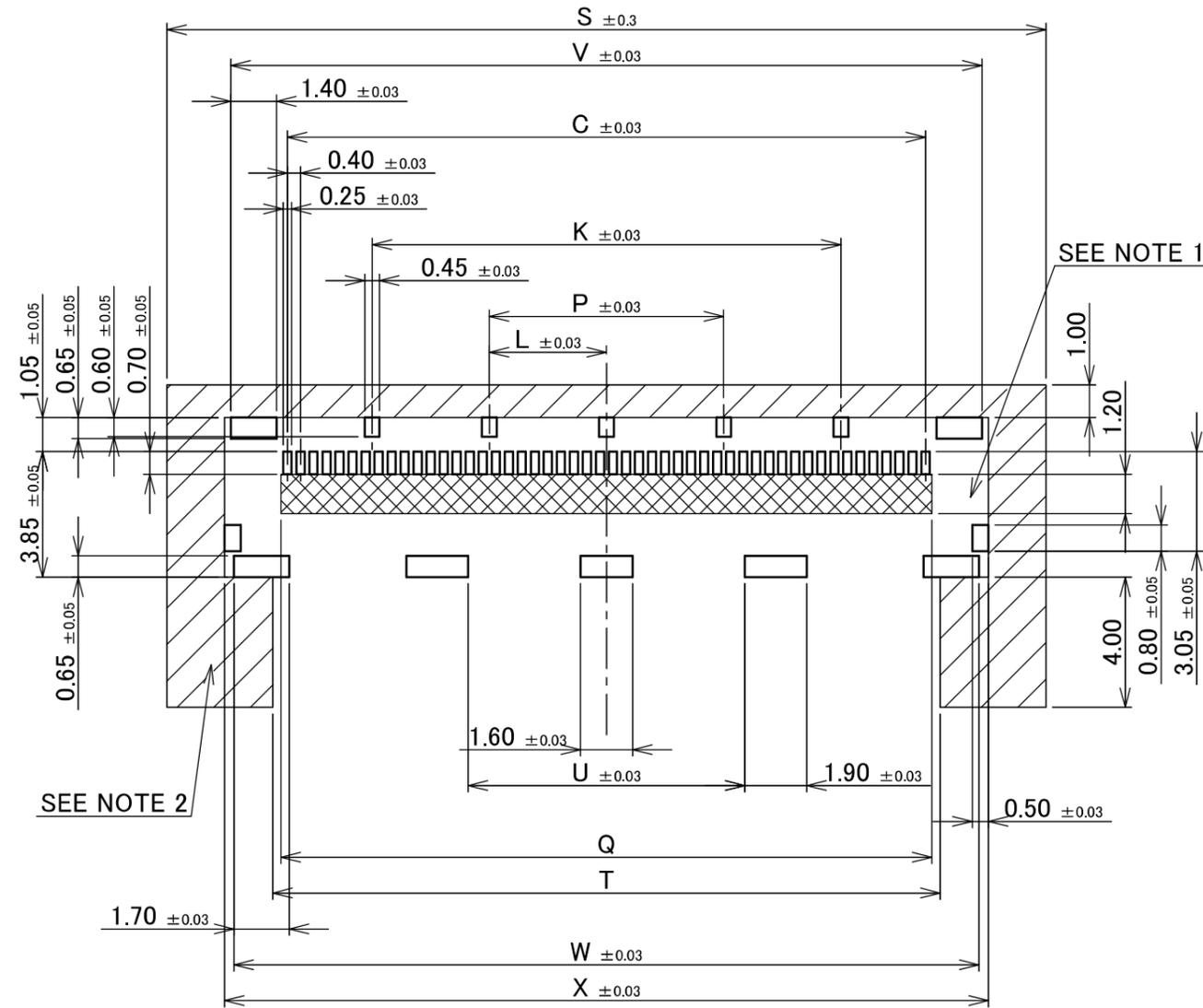
1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED, AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED. FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

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 CABLIN [®] -UM RECEPTACLE ASSEMBLY	SCALE 5:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	11/23	20

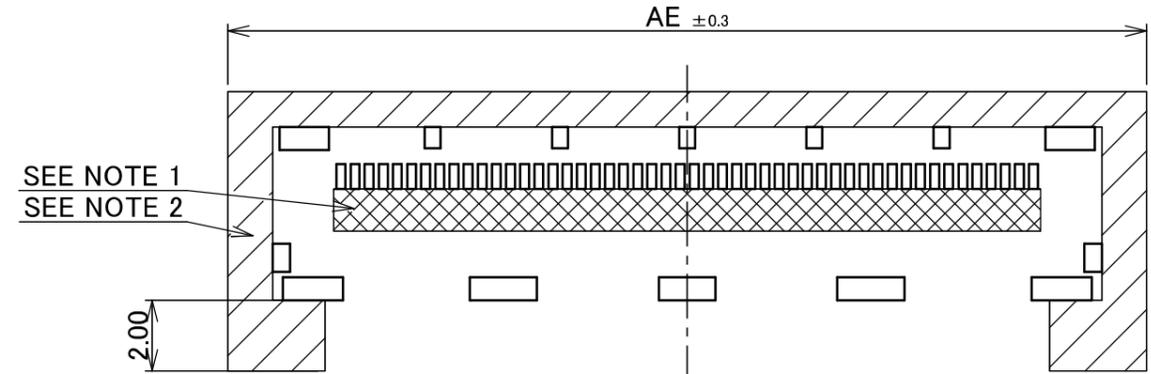
PART No.	Pos.	C	K	L	P	Q	S	T	U	V	W	X	AE	AF
20879-050E-02	50	19.60	14.40	3.60	7.20	20.00	27.00	20.50	8.50	23.07	22.89	23.47	26.00	25.00

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
	-	

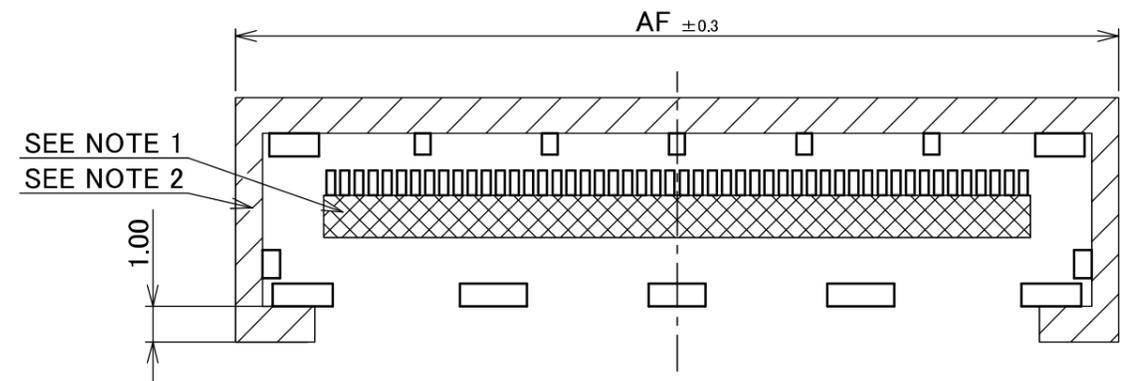
02 TYPE PATENT PENDING



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



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



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

NOTES.

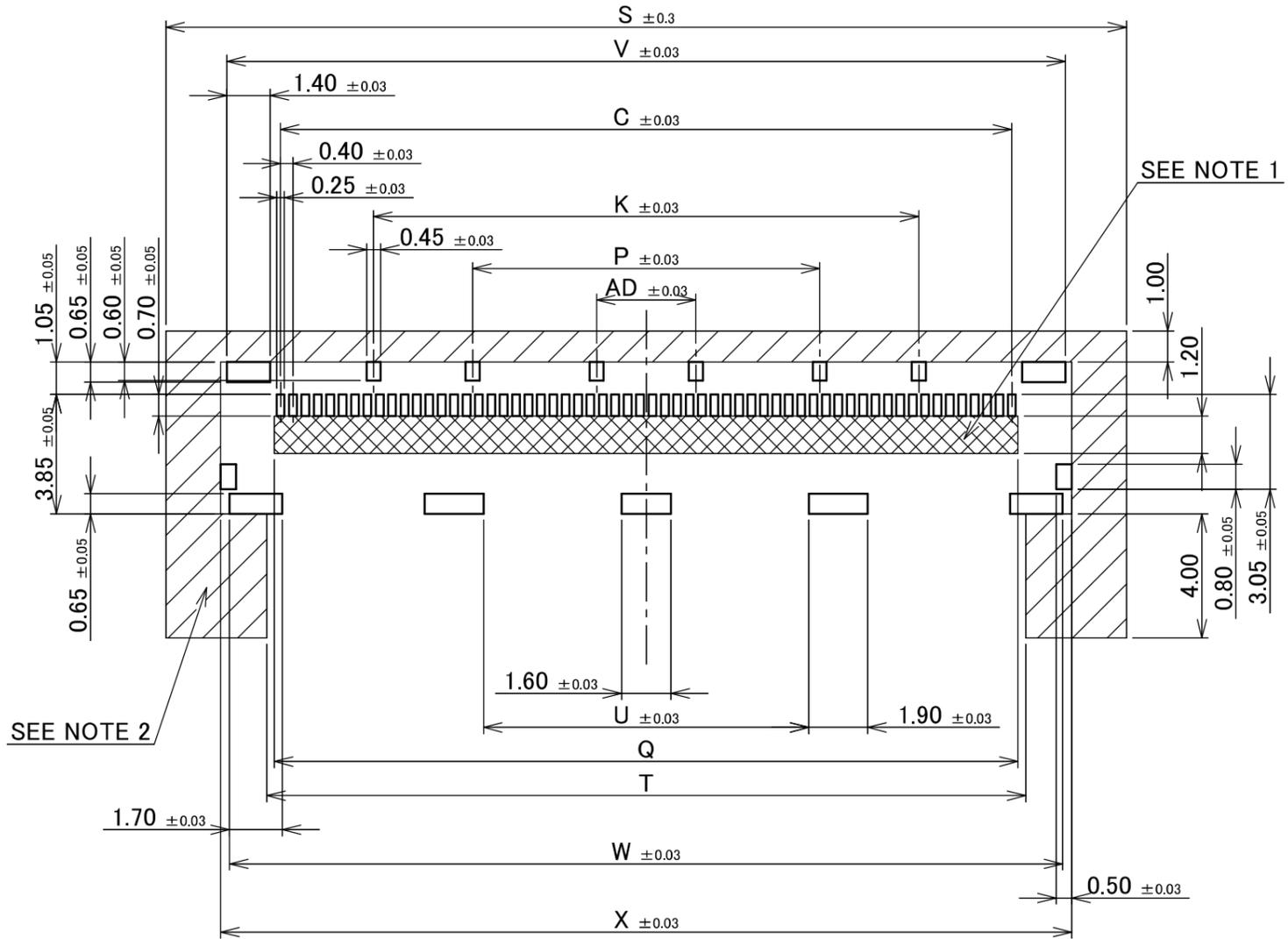
1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED,
AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED.
FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

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 CABLIN [®] -UM RECEPTACLE ASSEMBLY	SCALE 5:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	12/23	20

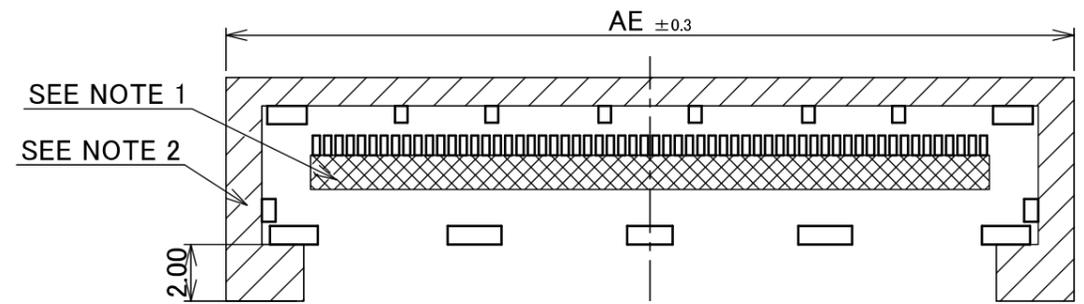
PART No.	Pos.	C	K	L	P	Q	S	T	U	V	W	X	AD	AE	AF
20879-060E-02	60	23.60	17.60	-	11.20	24.00	31.00	24.50	10.50	27.07	26.89	27.47	3.20	30.00	29.00

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
	-	

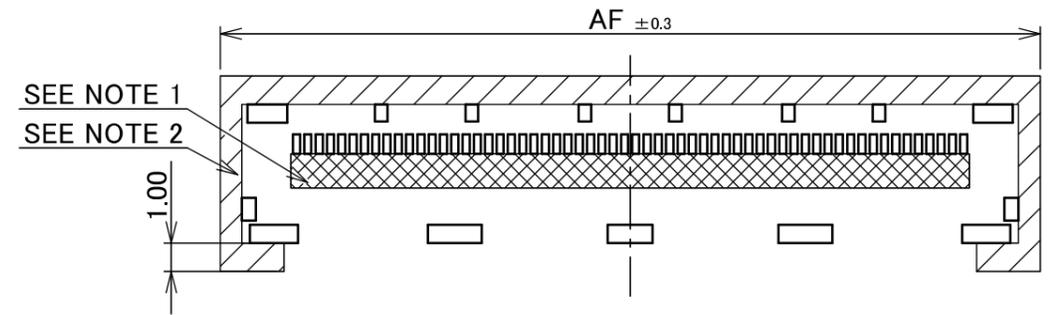
02 TYPE PATENT PENDING



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)

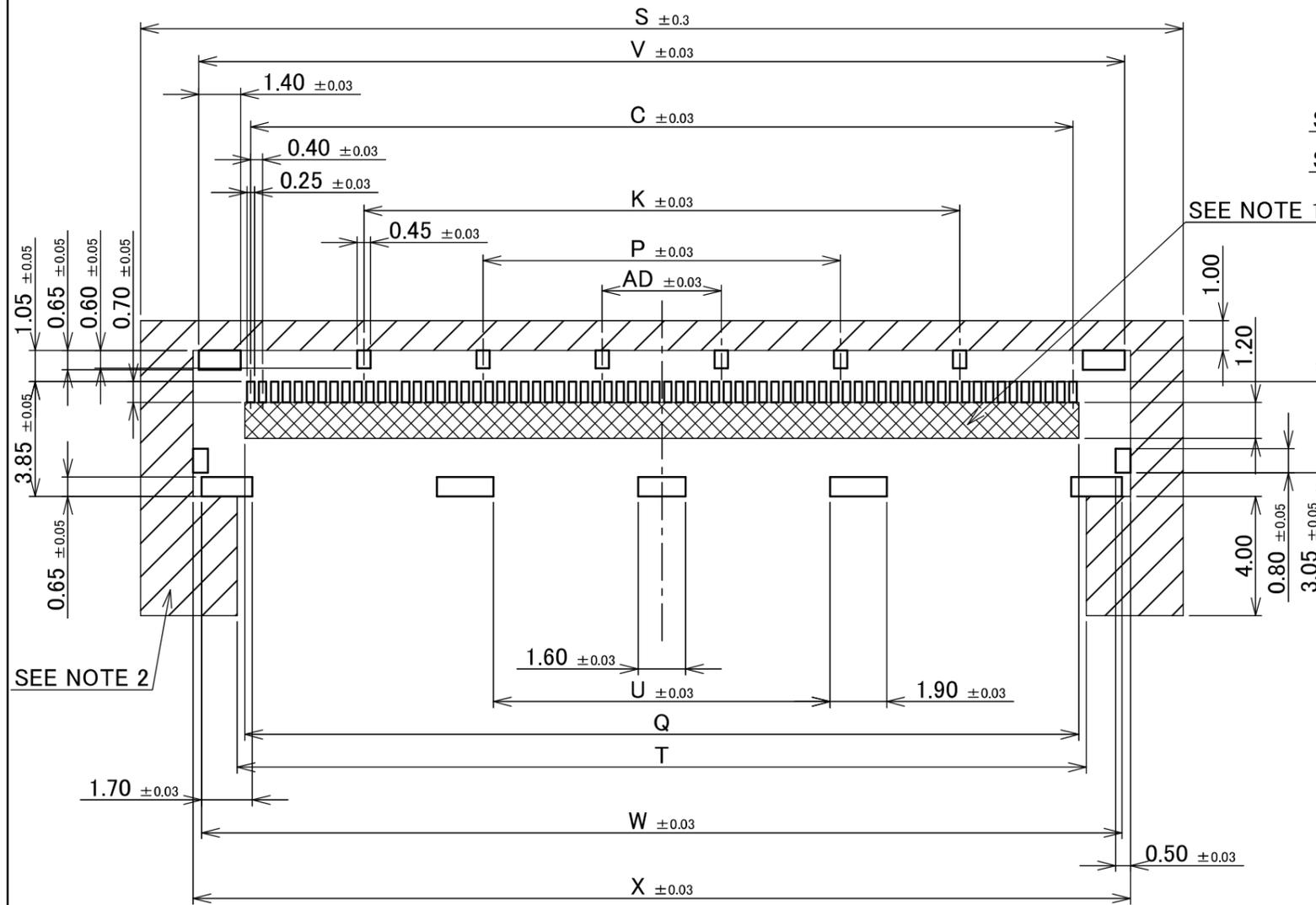
- NOTES.
- SOLDER RESIST MUST BE APPLIED TO THIS AREA.
 - DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA. THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED, AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED. FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

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		SCALE	I-PEX		
DWG.	DATE			CABLIN® -UM		5:1			
CHK.				RECEPTACLE ASSEMBLY		UNIT			
APP.				DWG. No.		mm			
				20879		SIZE	SHEET	REV.	
						A3	13/23	20	

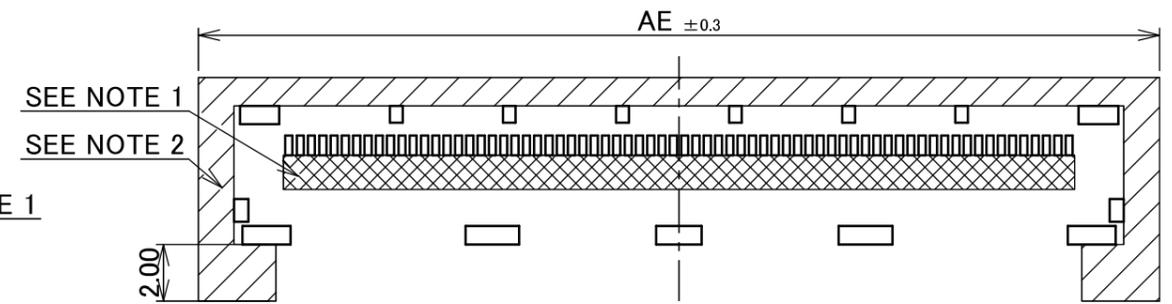
PART No.	Pos.	C	K	L	P	Q	S	T	U	V	W	X	AD	AE	AF
20879-070E-02	70	27.60	20.00	-	12.00	28.00	35.00	28.50	11.30	31.07	30.89	31.47	4.00	34.00	33.00

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
	-	

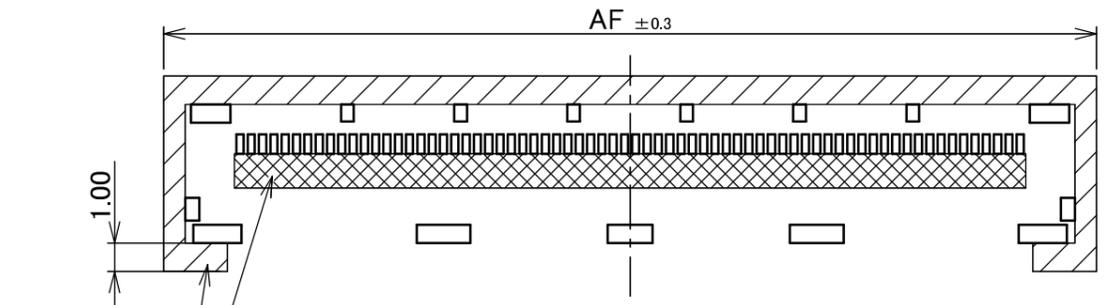
02 TYPE PATENT PENDING



02 TYPE 70P RECOMMENDED PCB LAYOUT
(S = 5 : 1)



02 TYPE 70P RECOMMENDED PCB LAYOUT
(S = 4 : 1)



02 TYPE 70P RECOMMENDED PCB LAYOUT
(S = 4 : 1)

- NOTES.
- SOLDER RESIST MUST BE APPLIED TO THIS AREA.
 - 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 5:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	14/23	20

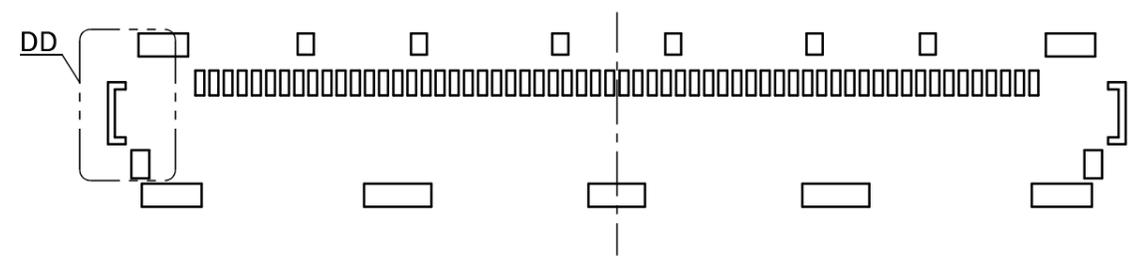
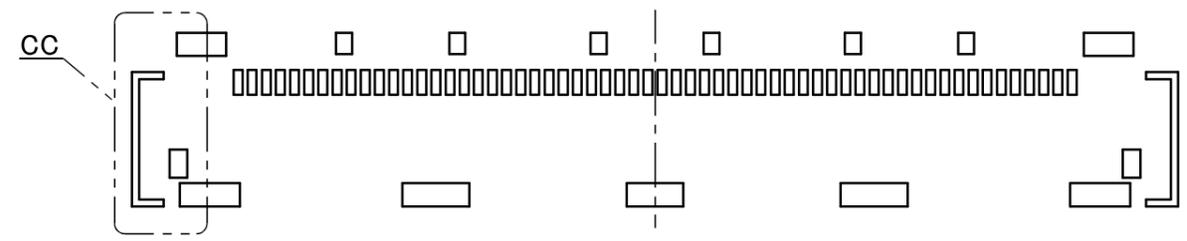
PART No.	Pos.
20879-030E-02	30
20879-040E-02	40
20879-050E-02	50
20879-060E-02	60
20879-070E-02	70

PATENT PENDING

02 TYPE

With LOCK COVER

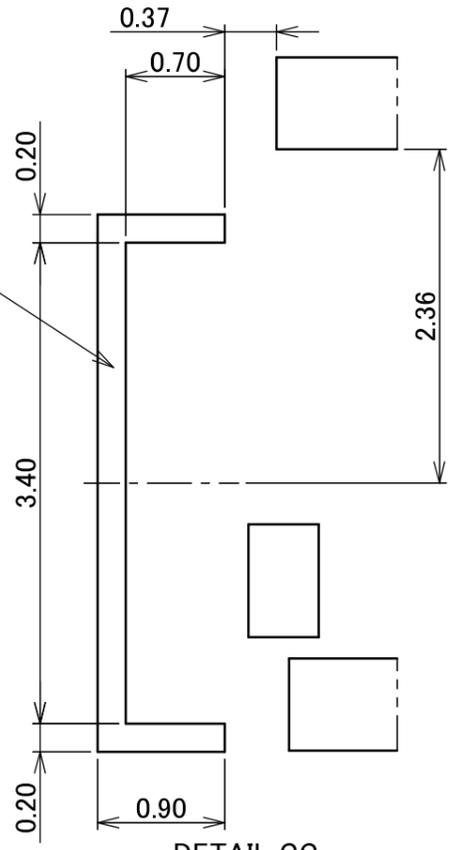
Without LOCK COVER & With PULL TAPE HOLDER



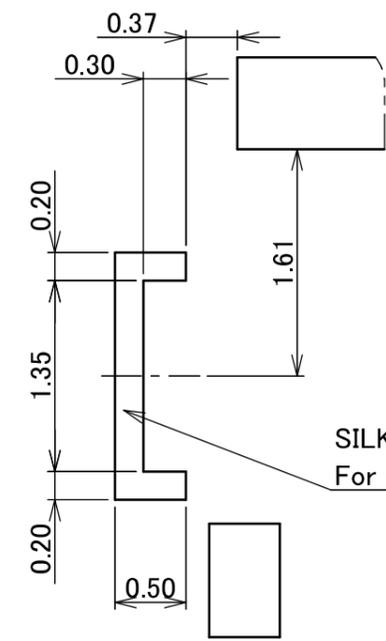
RECOMMENDED SILK PRINT For With LOCK COVER
(S = 5 : 1)

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

SILK PRINT
For PLUG INSERTION CHECK



DETAIL CC
(S = 20 : 1)



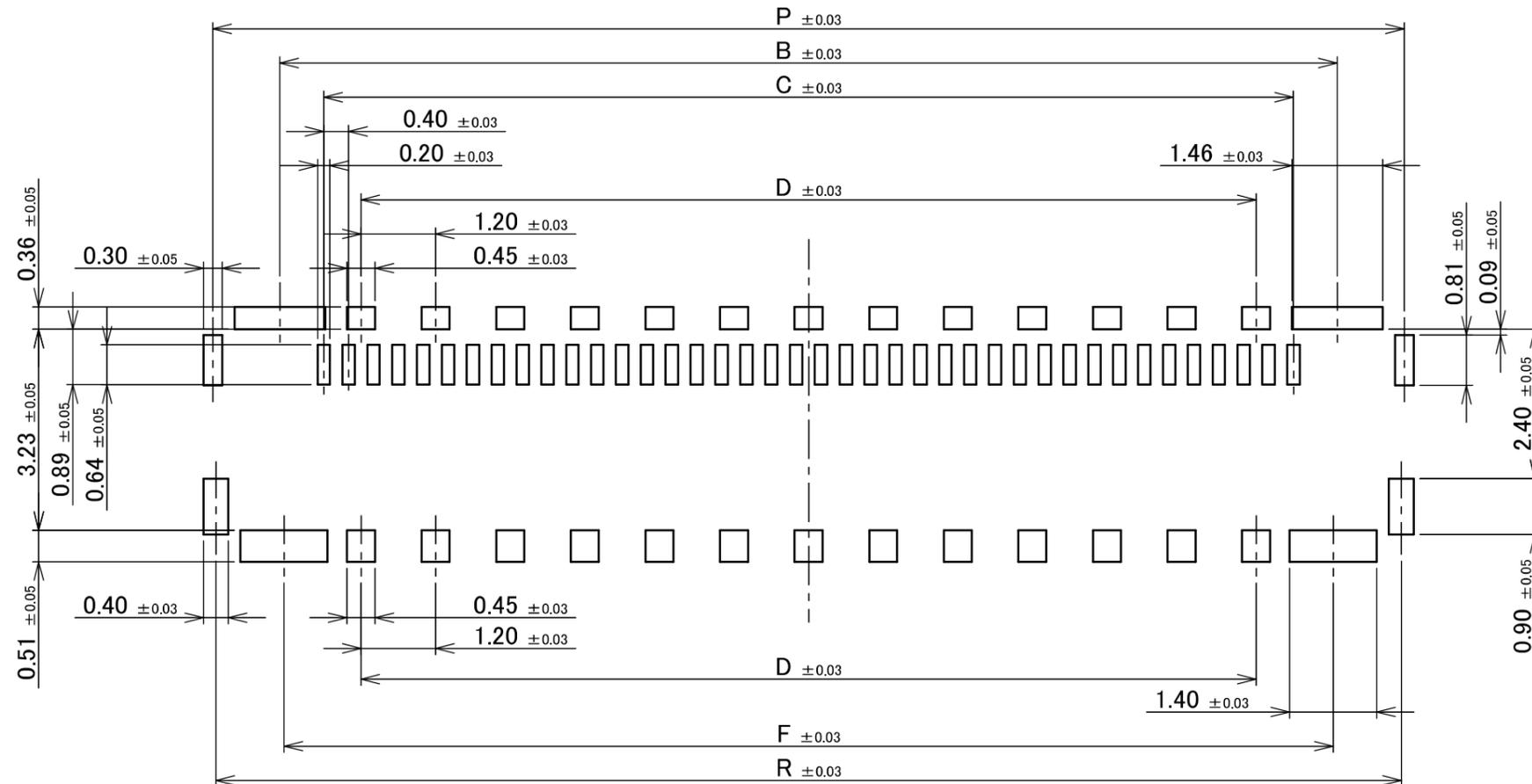
SILK PRINT
For PLUG INSERTION CHECK

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		TITLE	SCALE	I-PEX			
GENERAL TOLERANCE.						CABLIN [®] -UM RECEPTACLE ASSEMBLY	5:1				
DWG.							UNIT				
CHK.						mm					
APP.						DWG. No.	SIZE	SHEET	REV.		
						20879	A3	15/23	20		

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



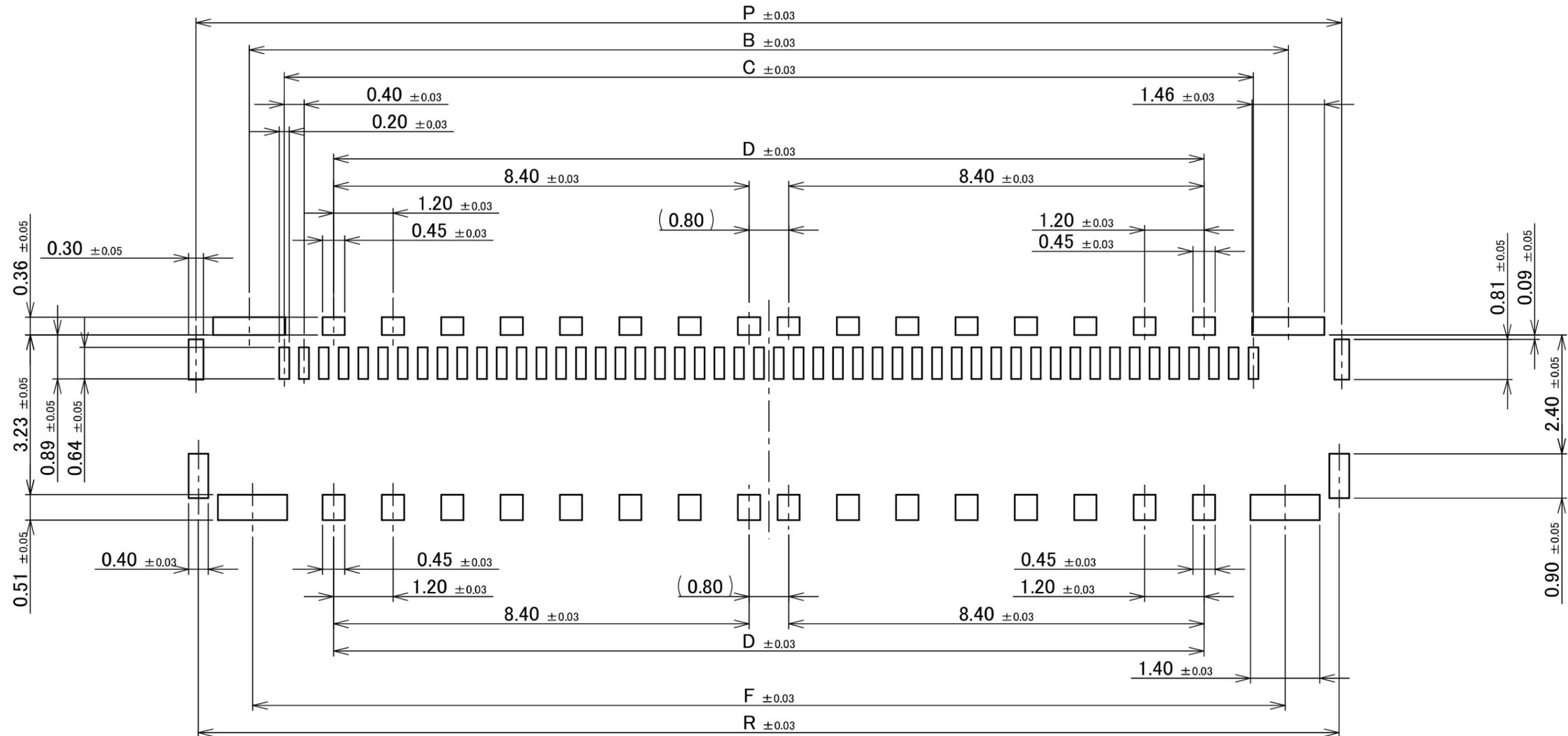
#1 TYPE 30P, 40P, 60P, 70P RECOMMENDED METAL MASK LAYOUT (S = 10 : 1)
 ※ METAL MASK THICKNESS : t = 0.10

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 CABLINÉ®-UM RECEPTACLE ASSEMBLY	SCALE 10:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	16/23	20

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

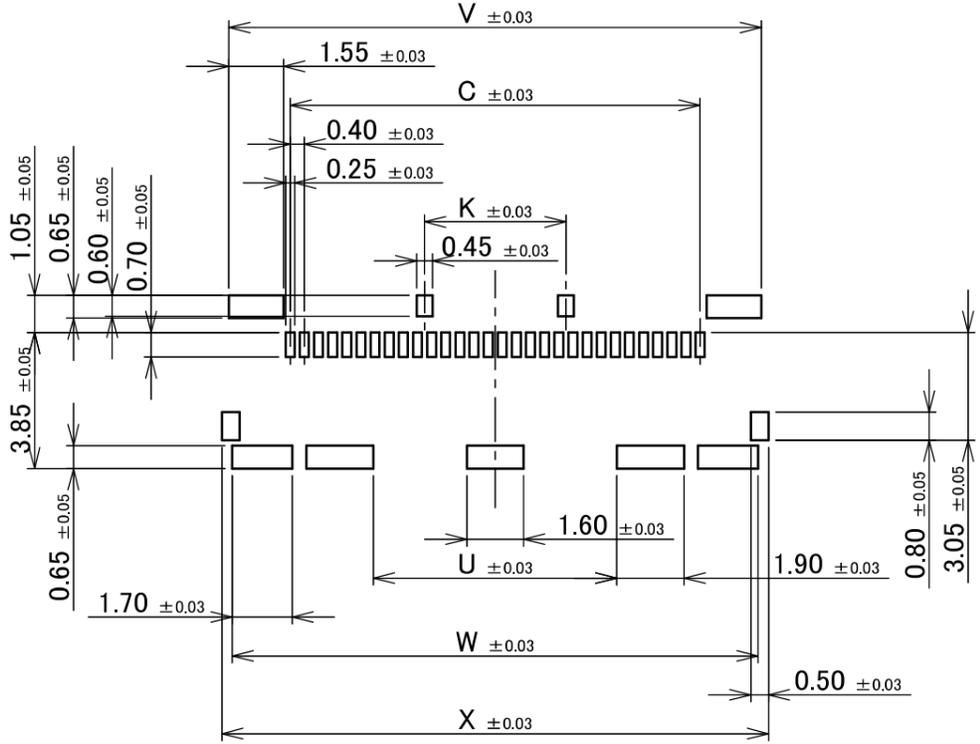
PATENT PENDING

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			
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	17/23	20

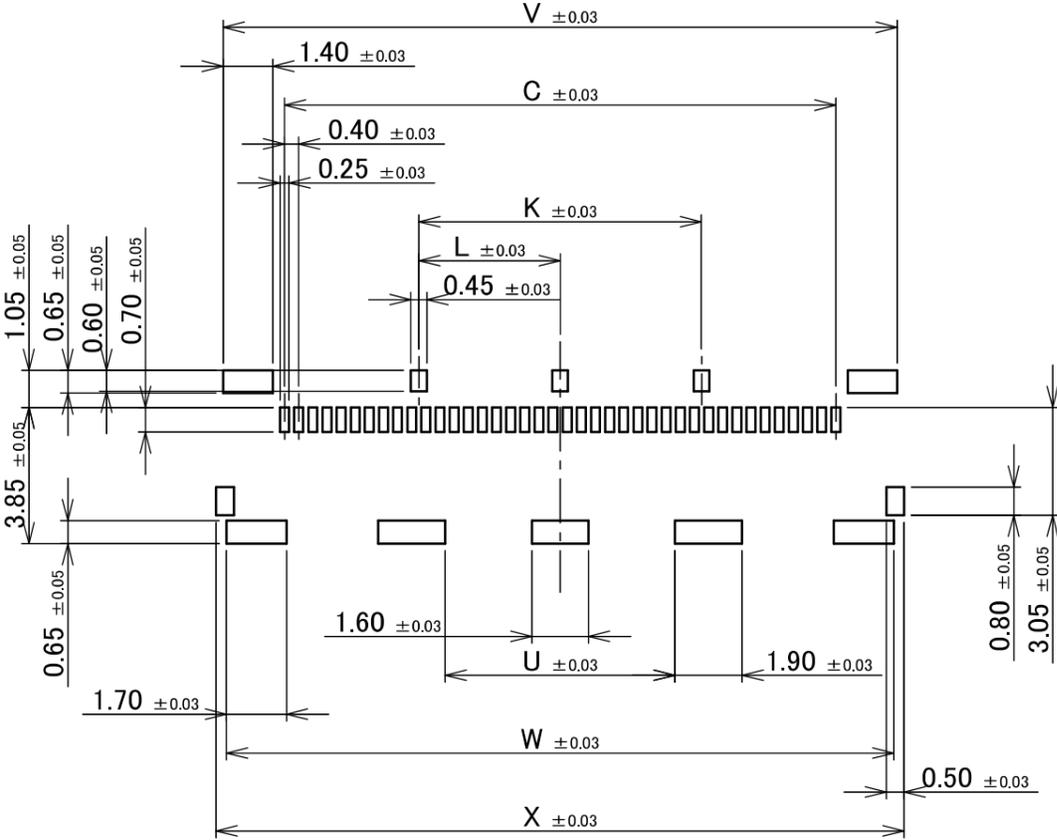
PART No.	Pos.	C	K	L	U	V	W	X
20879-030E-02	30	11.60	4.00	-	6.89	15.07	14.89	15.47
20879-040E-02	40	15.60	8.00	4.00	6.50	19.07	18.89	19.47
20879-050E-02	50	19.60	14.40	3.60	8.50	23.07	22.89	23.47
20879-060E-02	60	23.60	17.60	-	10.50	27.07	26.89	27.47
20879-070E-02	70	27.60	20.00	-	11.30	31.07	30.89	31.47

PATENT PENDING

02 TYPE



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



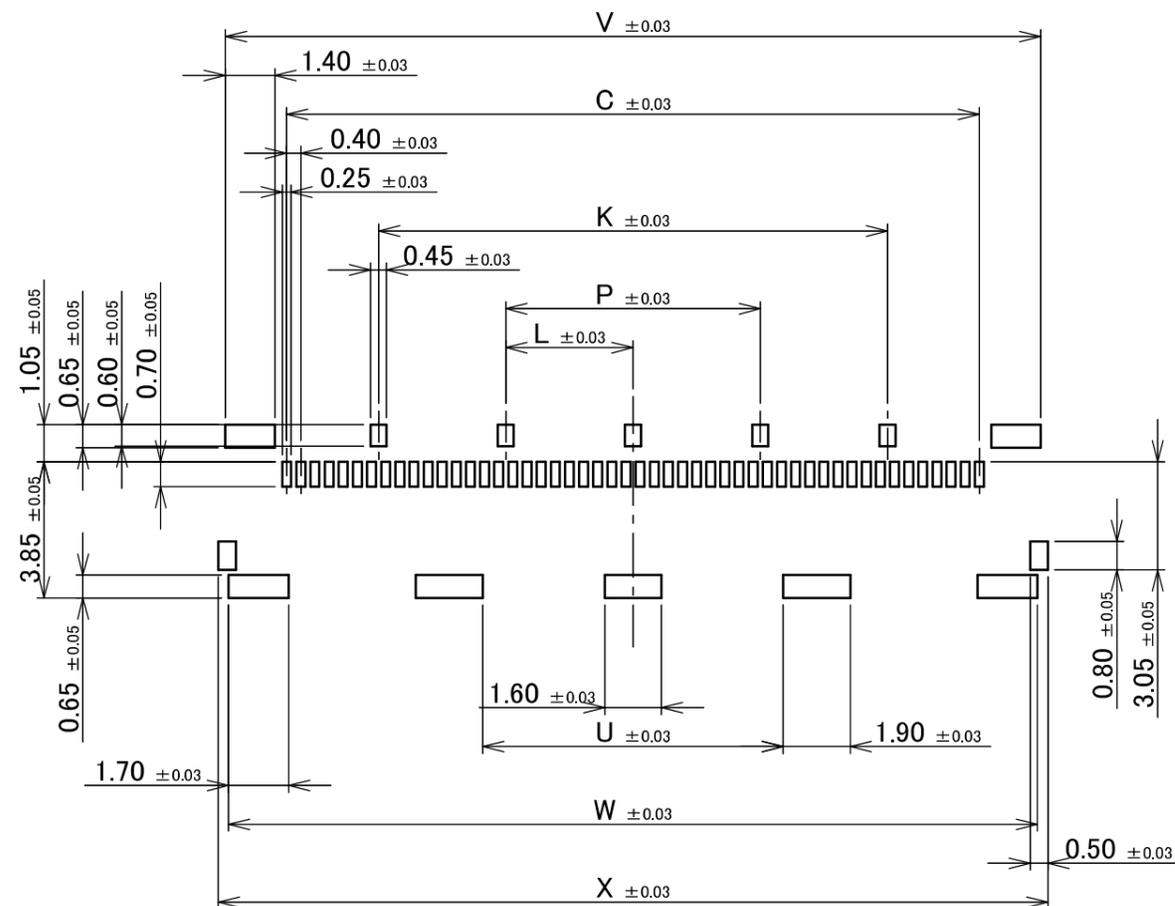
02 TYPE 40P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)
 ※ METAL MASK THICKNESS : t = 0.12

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5			TITLE CABLINÉ®-UM RECEPTACLE ASSEMBLY	SCALE 5:1	I-PEX
GENERAL TOLERANCE.				DWG. No.	UNIT mm	SIZE A3	SHEET 18/23	
DWG.	DATE			20879				
CHK.								
APP.								

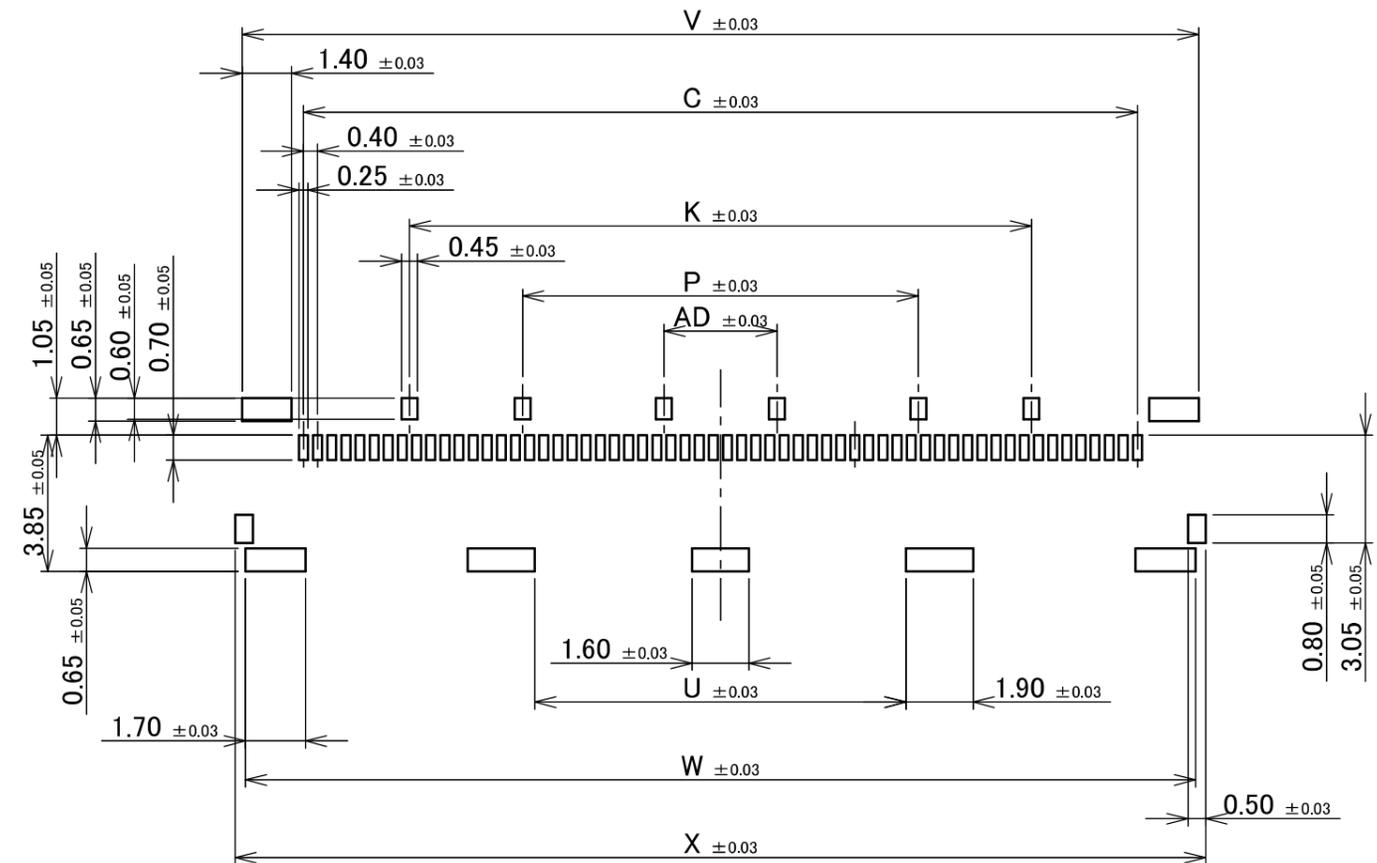
PART No.	Pos.	C	K	L	P	U	V	W	X	AD
20879-030E-02	30	11.60	4.00	-	-	6.89	15.07	14.89	15.47	-
20879-040E-02	40	15.60	8.00	4.00	-	6.50	19.07	18.89	19.47	-
20879-050E-02	50	19.60	14.40	3.60	7.20	8.50	23.07	22.89	23.47	-
20879-060E-02	60	23.60	17.60	-	11.20	10.50	27.07	26.89	27.47	3.20
20879-070E-02	70	27.60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



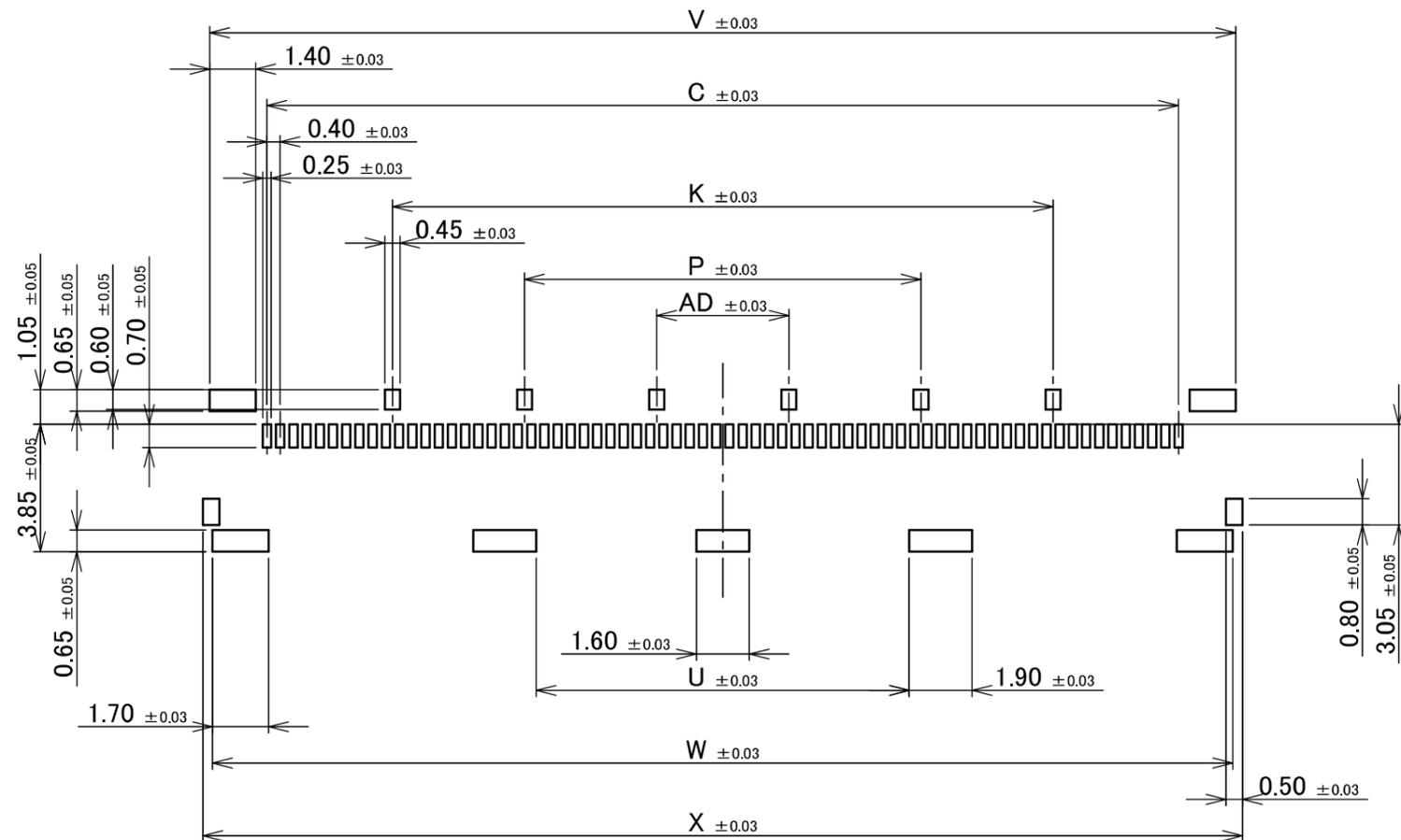
02 TYPE 60P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)
 ※ METAL MASK THICKNESS : t = 0.12

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R5	CUSTOMER COPY		
	6 MAX.	±0.2	30 OVER 120 MAX.					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UM RECEPTACLE ASSEMBLY	SCALE 5:1 UNIT mm			
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20879	SIZE	SHEET	REV.
						A3	19/23	20

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

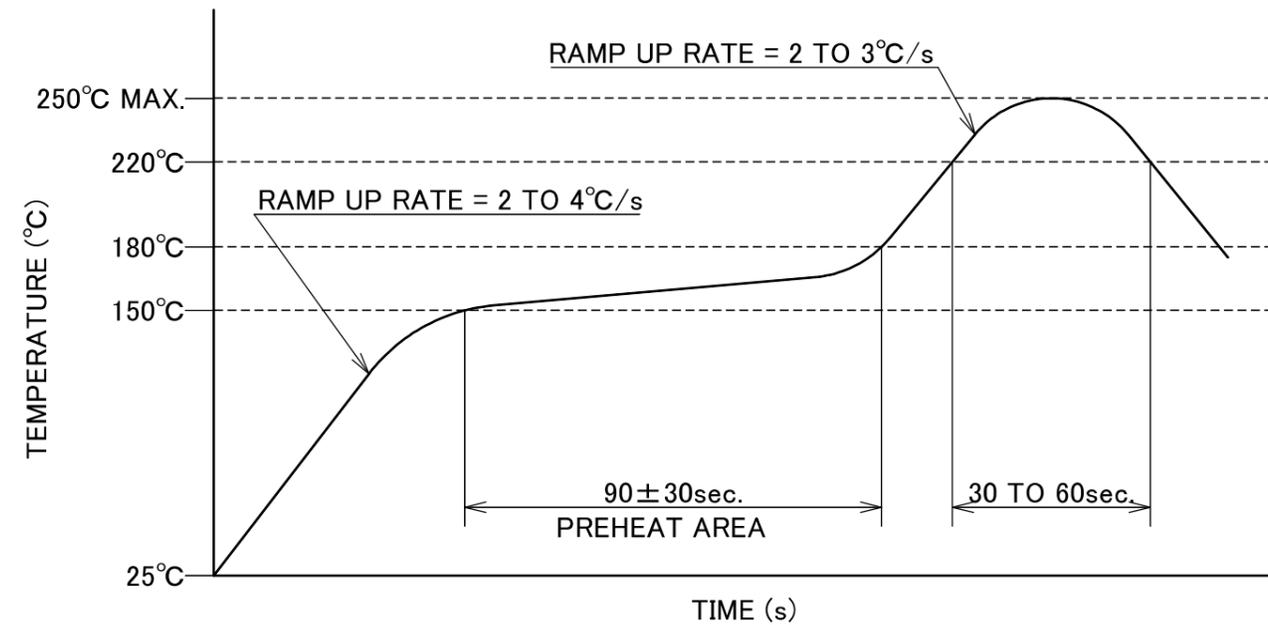
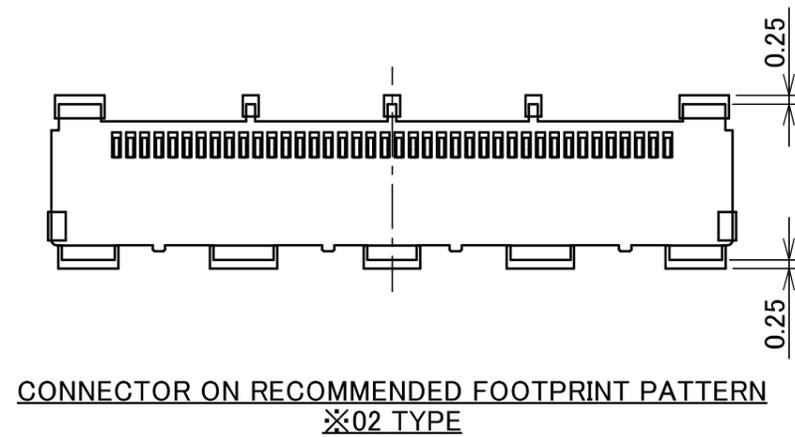
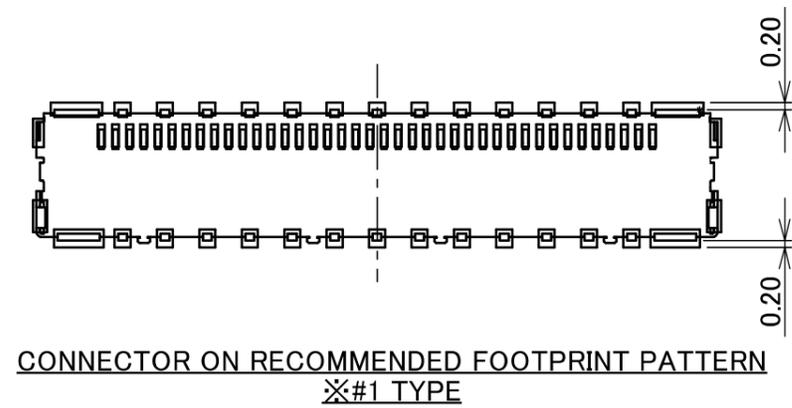


02 TYPE 70P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)

※ METAL MASK THICKNESS : t = 0.12

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ④	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UM RECEPTACLE ASSEMBLY	SCALE 5:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20879	SIZE A3	SHEET 20/23	REV. 20

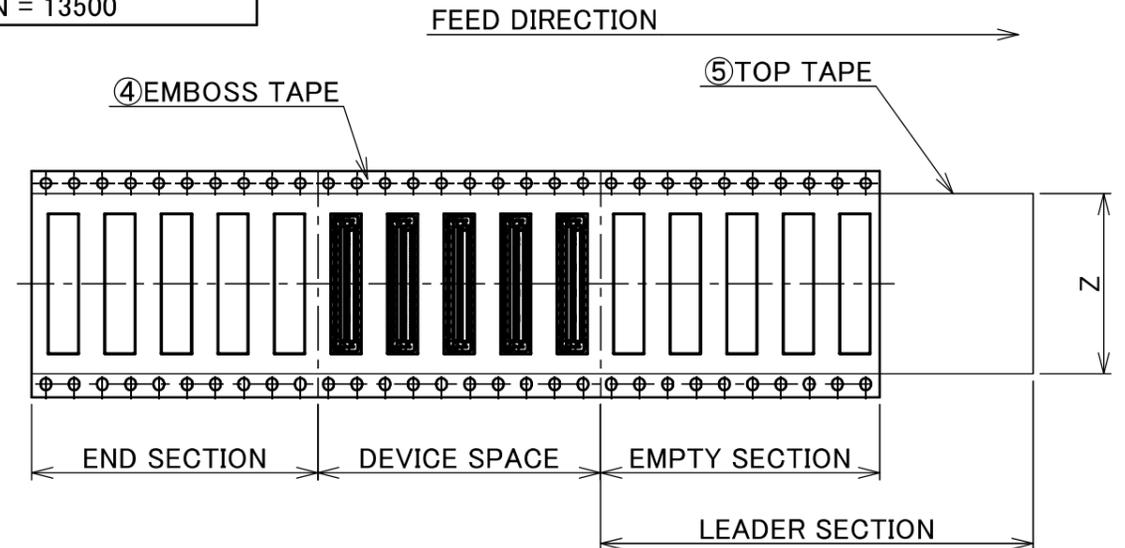
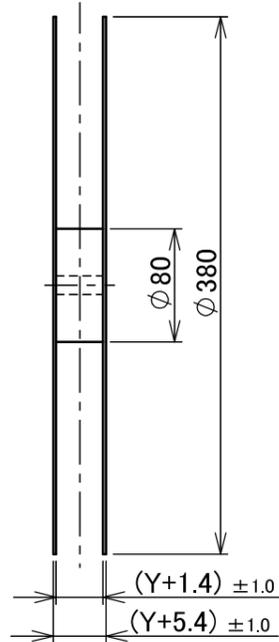
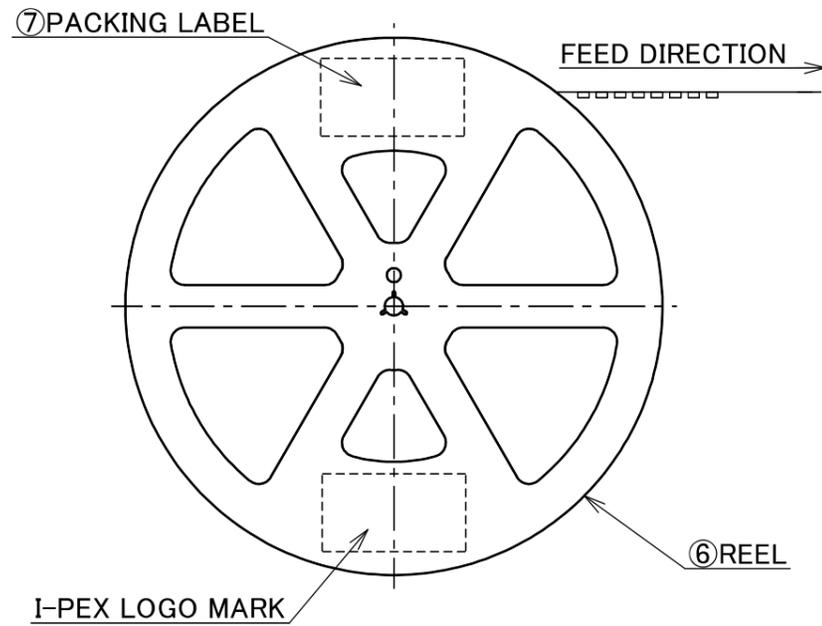
PATENT PENDING



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		SCALE	I-PEX		
DWG.				CABLIN [®] -UM RECEPTACLE ASSEMBLY		5:1			
CHK.						UNIT			
APP.				mm					
				DWG. No.	20879	SIZE	SHEET	REV.	
					A3	21/23	20		

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

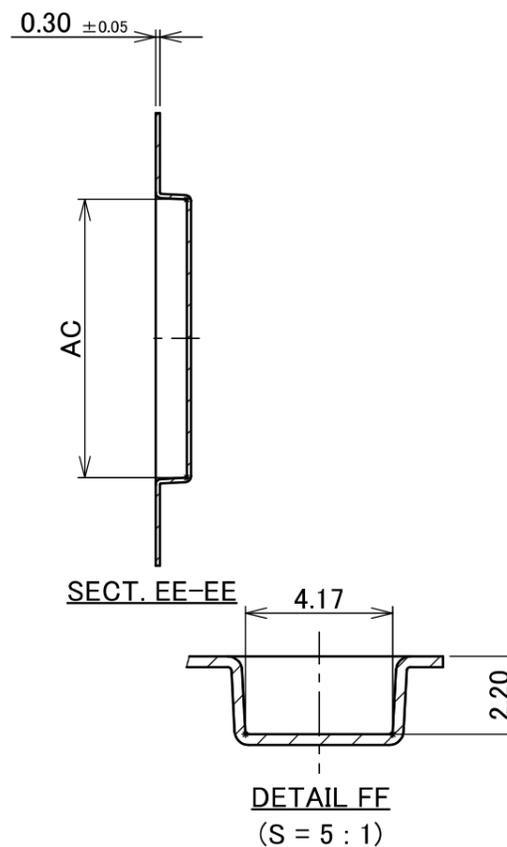
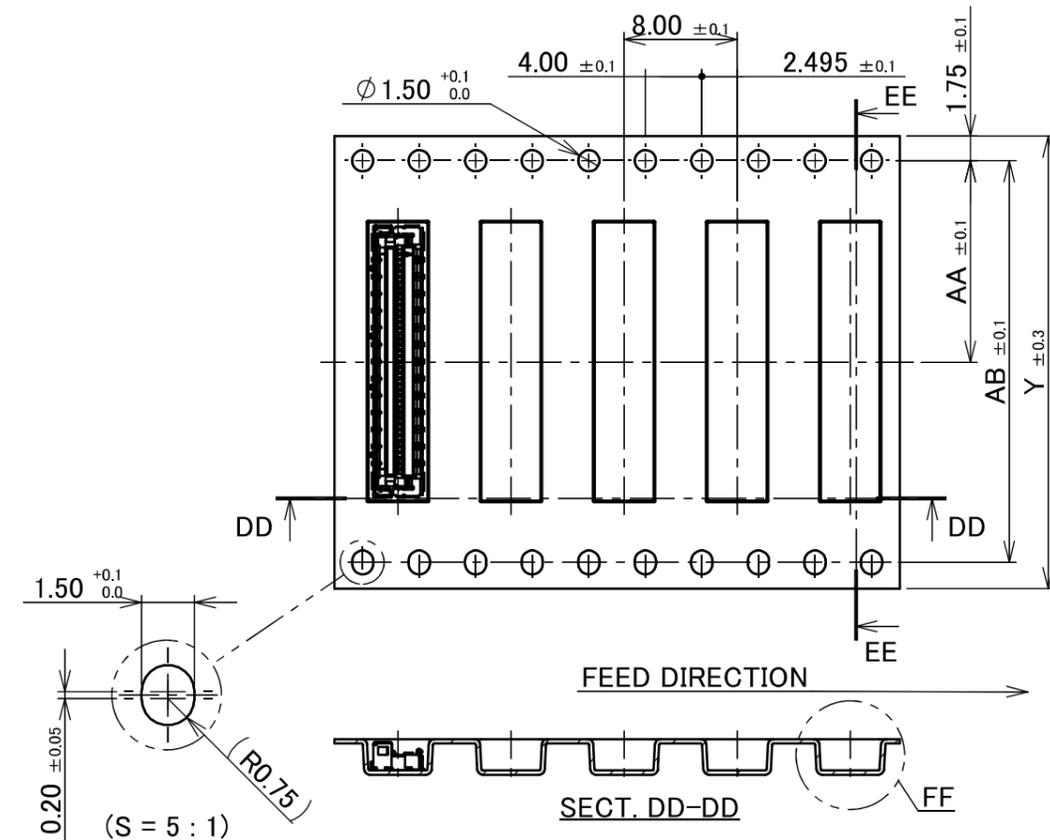
#1 TYPE



PATENT PENDING

NOTES.

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

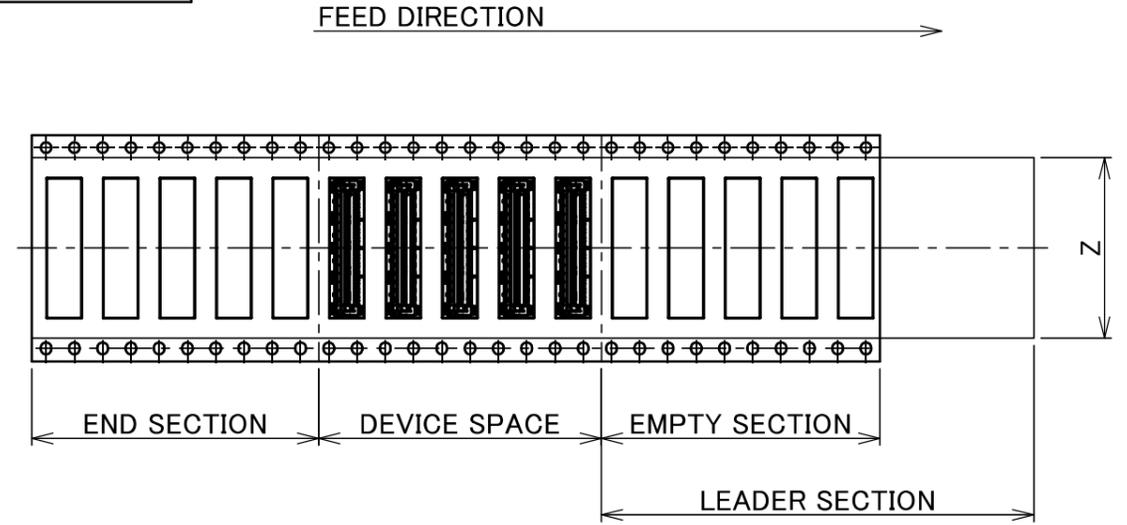
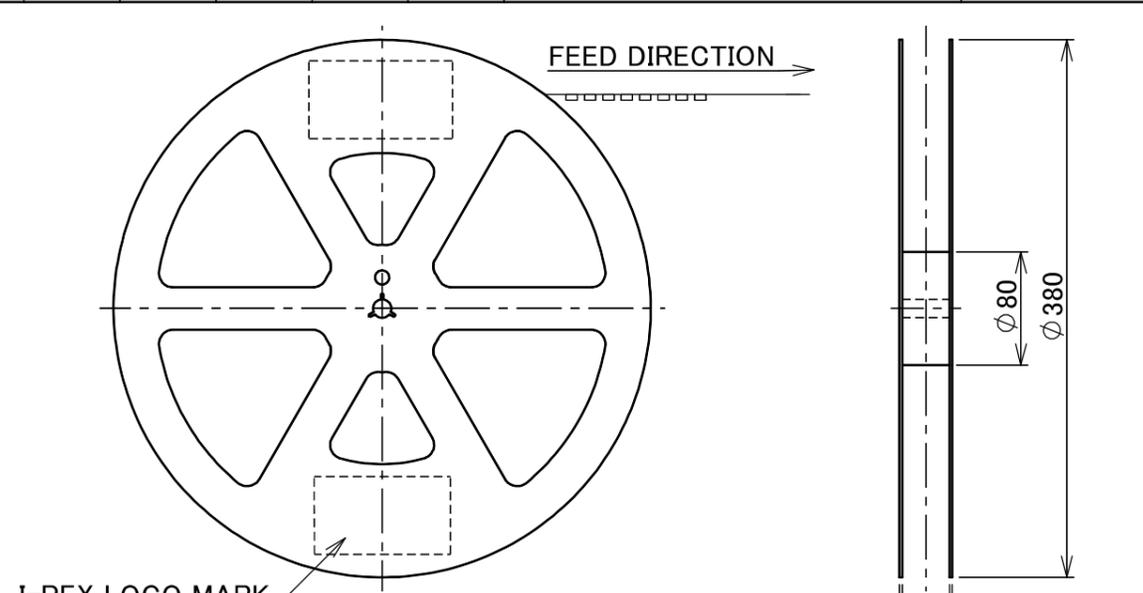


NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
7	PACKING LABEL	-	-
6	REEL	PS	ANTI-STATIC TYPE BLACK
5	TOP TAPE	PET TRANSPARENCY	ANTI-STATIC TYPE
4	EMBOSS TAPE	PS TRANSPARENCY	ANTI-STATIC TYPE

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	SCALE		UNIT	
DWG.	DATE			CABLIN [®] -UM RECEPTACLE ASSEMBLY	2:1		I-PEX	
CHK.				DWG. No.	SIZE	SHEET	REV.	
APP.				20879	A3	22/23	20	

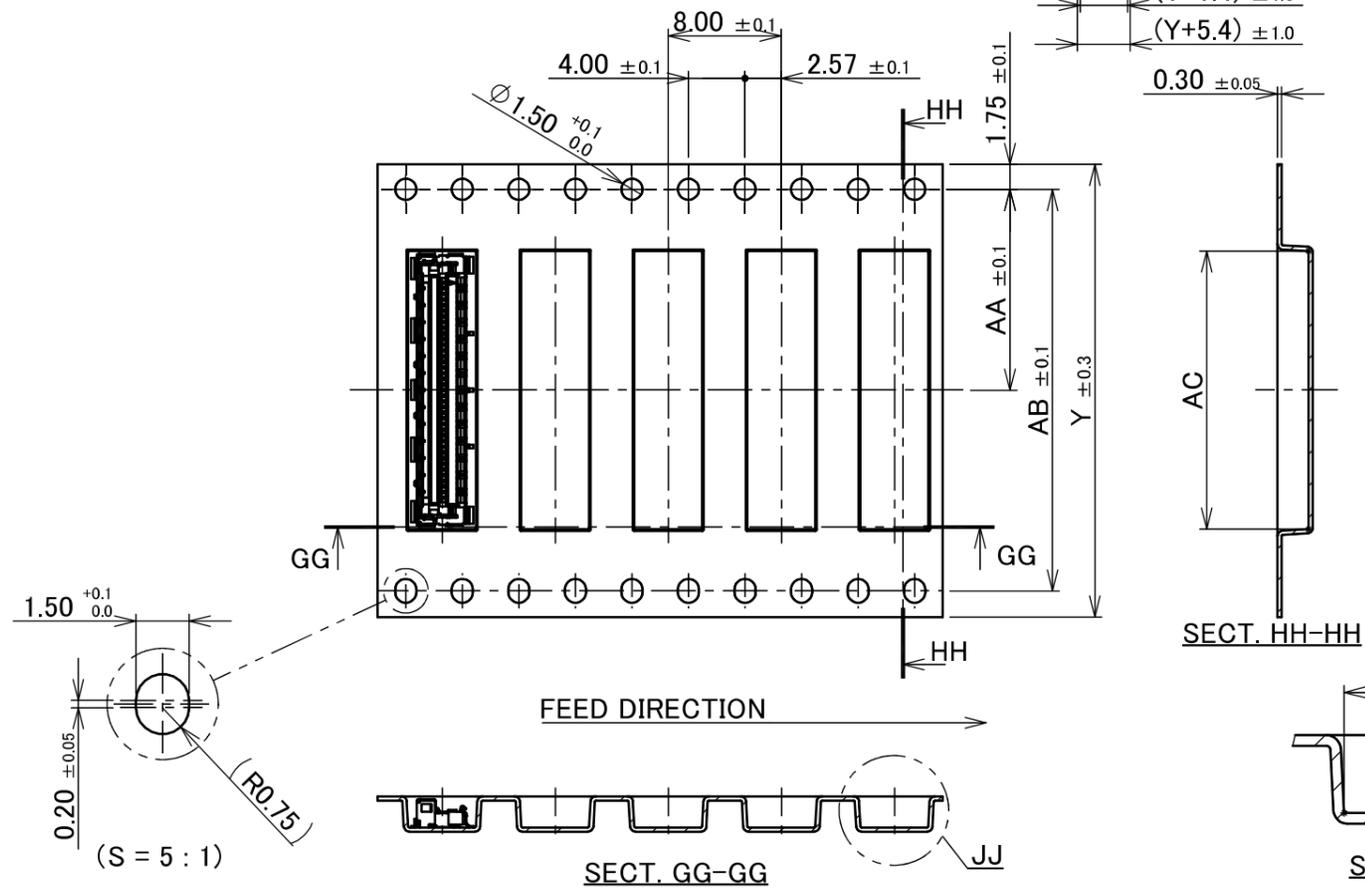
PART NO.	Y	Z	AA	AB	AC	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20879-030E-02	32.00	25.50	14.20	28.40	15.67	4500 / REEL	4 / CARTON = 18000
20879-040E-02	32.00	25.50	14.20	28.40	19.67	4500 / REEL	4 / CARTON = 18000
20879-050E-02	44.00	37.50	20.20	40.40	23.67	4500 / 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	SCALE	I-PEX		
DWG.	DATE			CABLIN [®] -UM RECEPTACLE ASSEMBLY	2:1			
CHK.				DWG. No.	UNIT			
APP.				20879	mm	SIZE	SHEET	REV.
					A3	23/23	20	