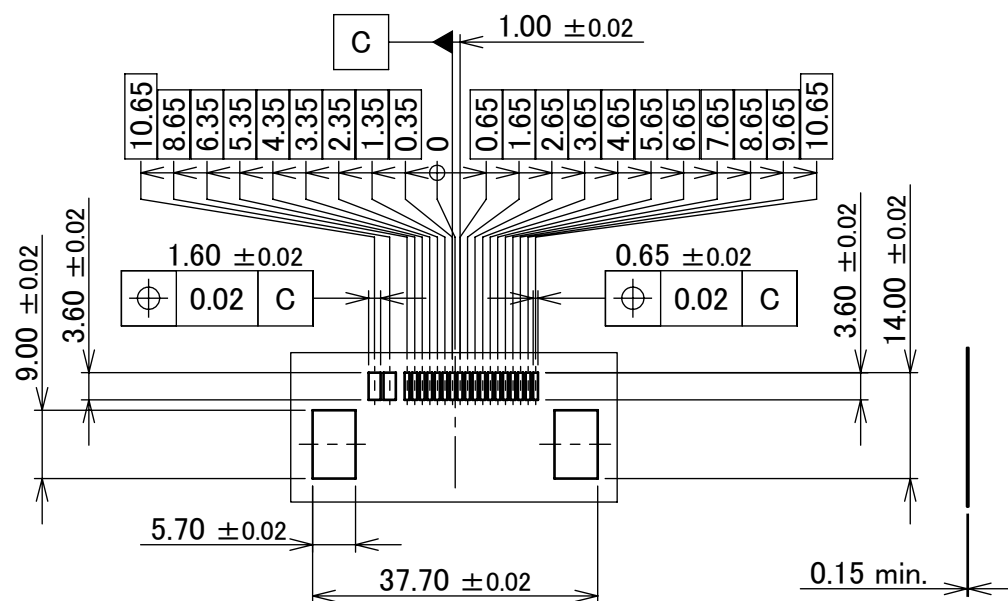
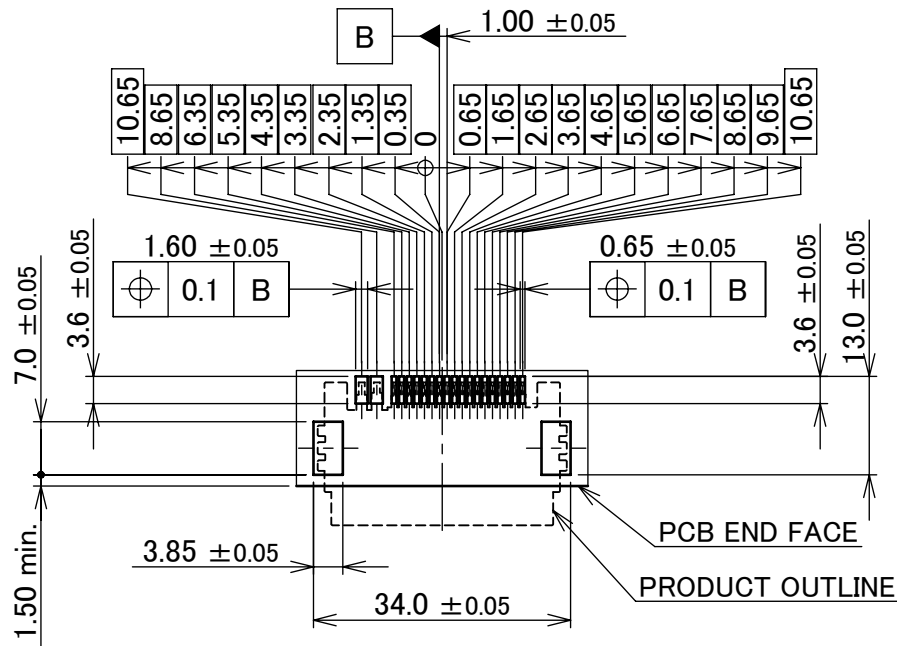
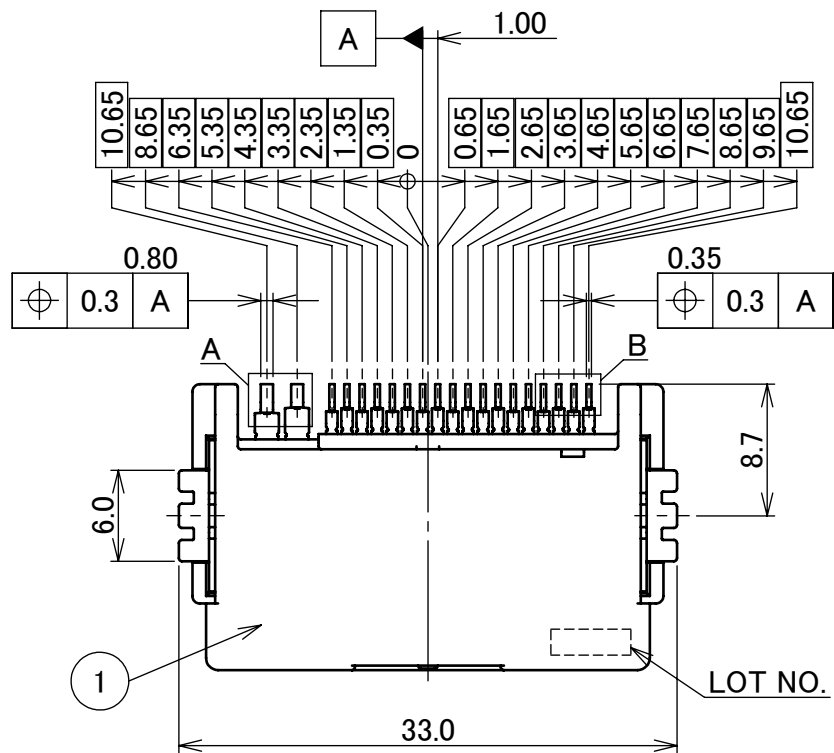
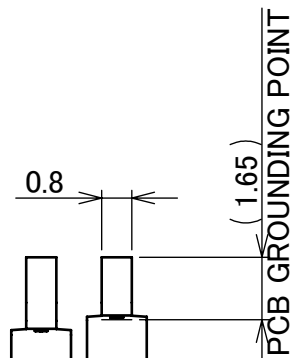


PART NO.	KEY CODING
V0071-020E-011	KEY CODING - A
V0071-020E-012	KEY CODING - B

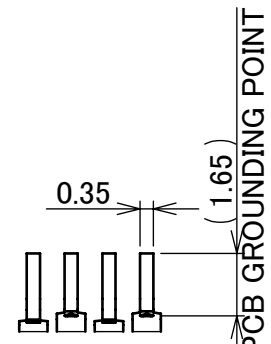


RECOMMENDED FOOTPRINT PATTERN LAYOUT
1:1

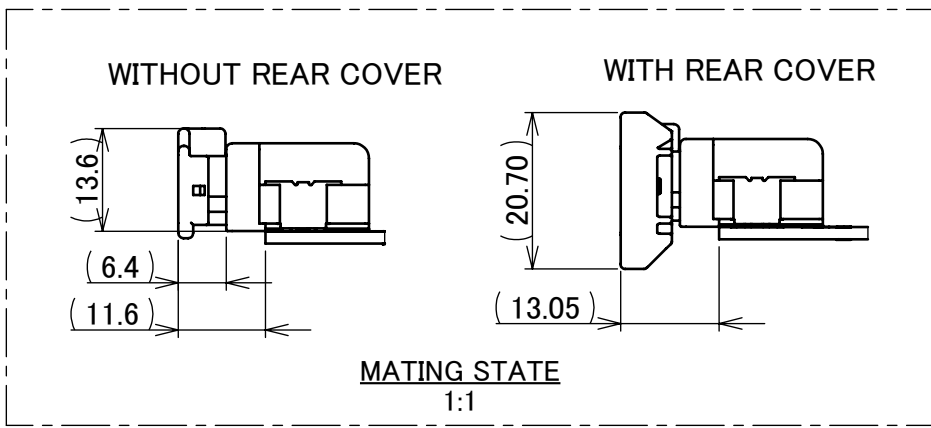
RECOMMENDED METAL MASK LAYOUT
1:1



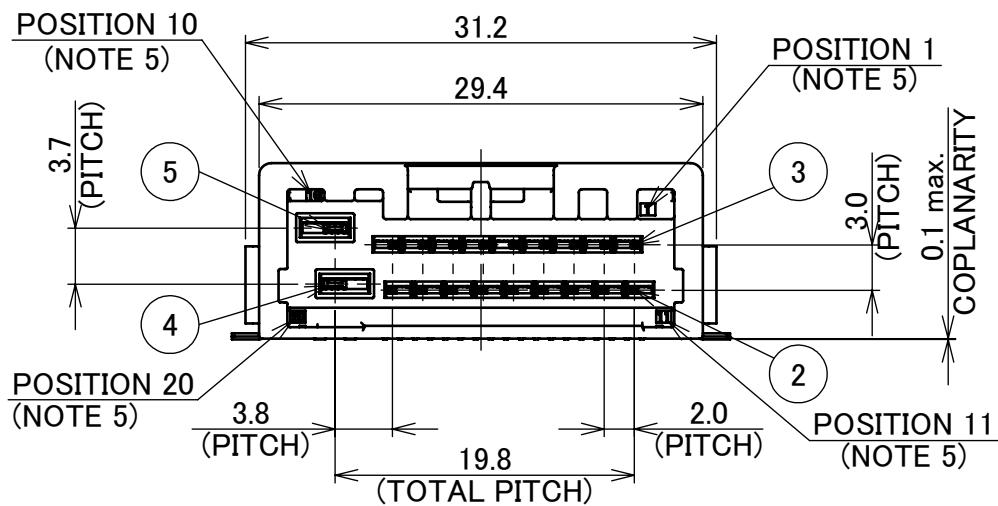
DETAIL A
5:1



DETAIL B
5:1



MATING STATE
1:1






KEY CODING - A
PART NO.: V0071-020E-011

- NOTES
- 1.APPLICABLE PART NO. ARE SHOWN IN TABLE 1.
 - 2.COMPLY WITH ELV/RoHS
 - 3.HANDLE OF PRODUCT IN COMPLIANCE WITH HANDLING MANUAL 【HDM-0009】
 - 4.USE METAL MASK WHICH HAS A THICKNESS OF 0.15mm MIN.
WHEN THE MALE CONNECTOR IS MOUNTED ON THE PCB.
 - 5.POSITION NUMBERS ARE INDICATED.

TABLE 1. COUNTERPARTS FOR MATING

MALE CONNECTOR			FEMALE CONNECTOR		FEMALE TERMINAL		REAR COVER	
KEY CODING	PART NO.	COLOR	PART NO.	COLOR	PART NO.	FINISH	PART NO.	FINISH
KEY CODING-A	V0071-020E-011	BLACK	V0072-020B-111	BLACK	VT001-512 & VT004-513	Sn REFLOW	V0072-93020-611	BLACK
KEY CODING-B	V0071-020E-012	NATURAL	V0072-020B-112	NATURAL	VT001-513 & VT004-514	Sn REFLOW		

6	HOLD DOWN	BRASS	Sn REFLOW
5	1.5mm MALE TERMINAL-2	BRASS	Sn REFLOW
4	1.5mm MALE TERMINAL-1	BRASS	Sn REFLOW
3	0.5mm MALE TERMINAL-2	BRASS	Sn REFLOW
2	0.5mm MALE TERMINAL-1	BRASS	Sn REFLOW
1	MALE HOUSING	GLASS-FILLED LCP	BLACK OR NATURAL /UL94V-0
NO.	DESCRIPTION	MATERIAL	FINISH/COLOR/REMARKS

5	S2272	H.H	Sep./21/'22	J.T	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R1	CUSTOMER COPY		
4	S2155	H.H	Sep./01/'21	J.T	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
3	S1664	S.T	June/09/'19	E.K	GENERAL TOLERANCE.		120 OVER	±0.5%	TITLE ISH® CONNECTOR PRESET TYPE 20P HYBRID MALE CONNECTOR		SCALE		
2	S1574	D.M	Aug./27/'18	E.K	DWG.	K. HANAKI	DATE Apr. /05/' 17	UNIT					
1	S1552	Y.S	June/25/'18	E.K	CHK.	J. MUKUNOKI	Apr. /05/' 17						
0	S1282	K.H	Apr./05/'17								mm		
REV.	ECN	BY	DATE	APP.	APP.						DWG. No.		
REVISION RECORD					T. ENDO			Apr. /05/' 17	CV0071-020		A3	1/2	5

1

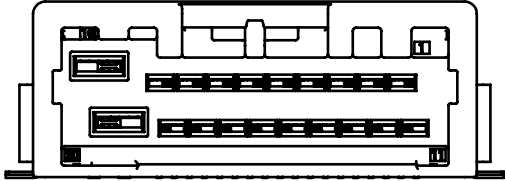
2

3

4

5

PART NO.	KEY CORDING
V0071-020E-011	KEY CORDING - A
V0071-020E-012	KEY CORDING - B

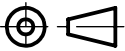


KEY CODING - B
PART NO.: V0071-020E-012

5	S2272	H.H	Sep./21/'22	J.T	ANGLE	±2°	6 OVER 30 MAX.	±0.3
4	S2155	H.H	Sep./01/'21	J.T	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5
3	S1664	S.T	June/09/'19	E.K	GENERAL TOLERANCE.	120 OVER	±0.5%	
2	S1574	D.M	Aug./27/'18	E.K	DWG.	K. HANAKI	DATE	Apr. /05/' 17
1	S1552	Y.S	June/25/'18	E.K	CHK.	J. MUKUNOKI	Apr. /05/' 17	
0	S1282	K.H	Apr./05/'17		APP.	T. ENDO	Apr. /05/' 17	
REV.	ECN	BY	DATE	APP.				

REVISION RECORD

PROJECTION



SERIES No.
R1

CUSTOMER COPY

TITLE

ISH® CONNECTOR
PRESET TYPE 20P
HYBRID MALE CONNECTOR

SCALE
2:1
UNIT
mm

I-PEX

DWG. No.
CV0071-020

SIZE
A3

SHEET
2/2

REV.
5

QHM-E1A001-09-A3C Rev.1

CONFIDENTIAL C

I-PEX Inc.