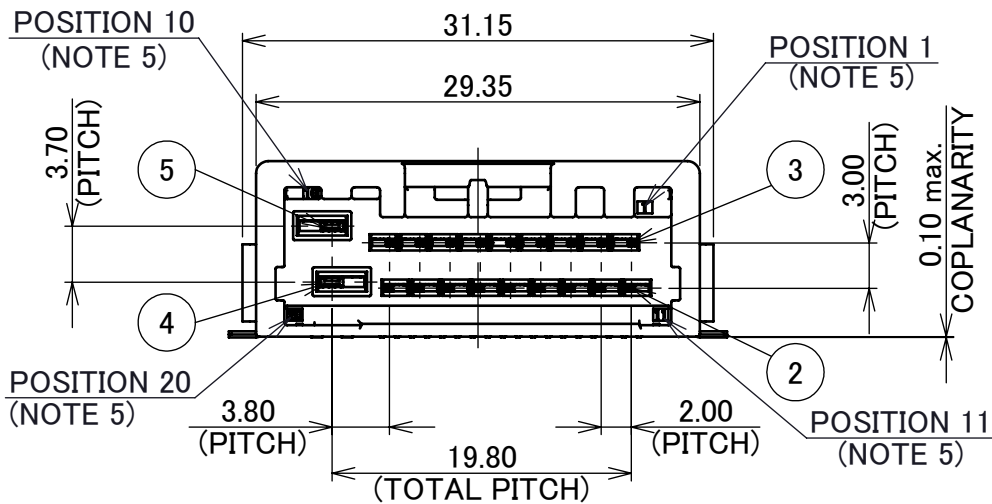
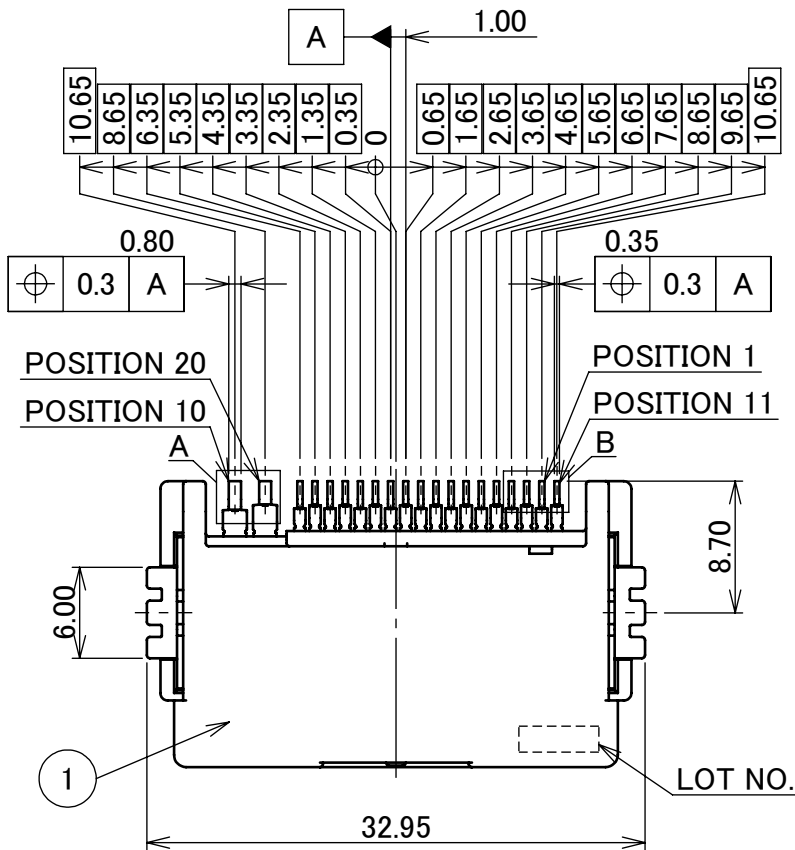


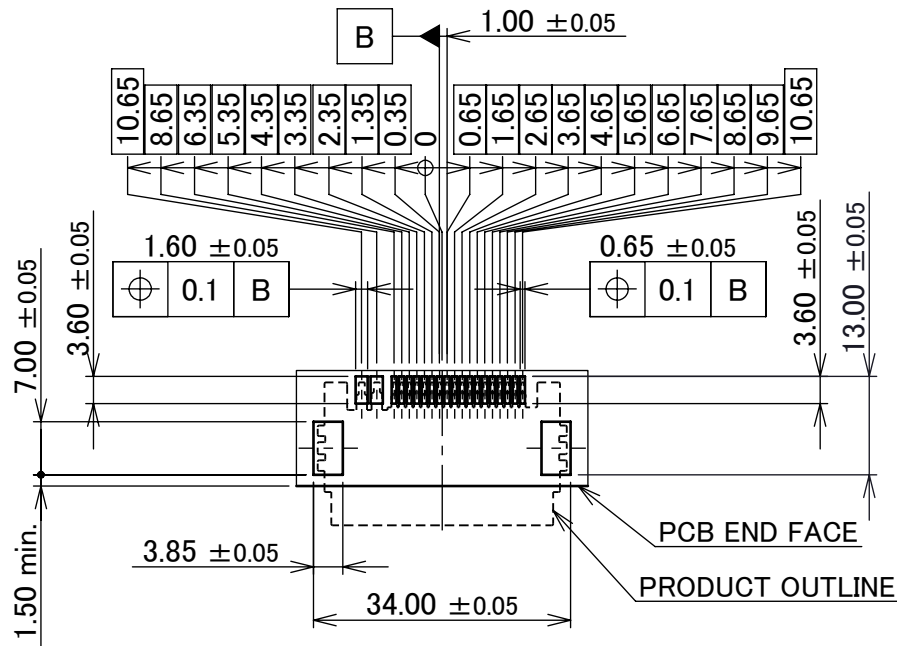
PART NO.	KEY CODING
V0123-020E-01	KEY CODING - A
V0123-020E-11	KEY CODING - B



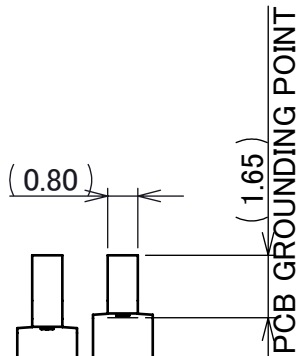
KEY CODING - A  
PART NO.: V0123-020E-01

#### NOTES

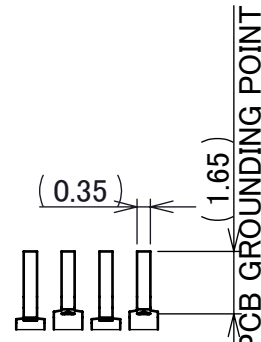
- 1.APPLICABLE PART NO. ARE SHOWN IN TABLE 1.
- 2.COMPLY WITH ELV/RoHS
- 3.HANDLE OF PRODUCT IN COMPLIANCE WITH HANDLING MANUAL【HDM-0021】
- 4.USE METAL MASK WHICH HAS A THICKNESS OF 0.15mm MIN.  
WHEN THE MALE CONNECTOR IS MOUNTED ON THE PCB.
- 5.POSITION NUMBERS ARE INDICATED.



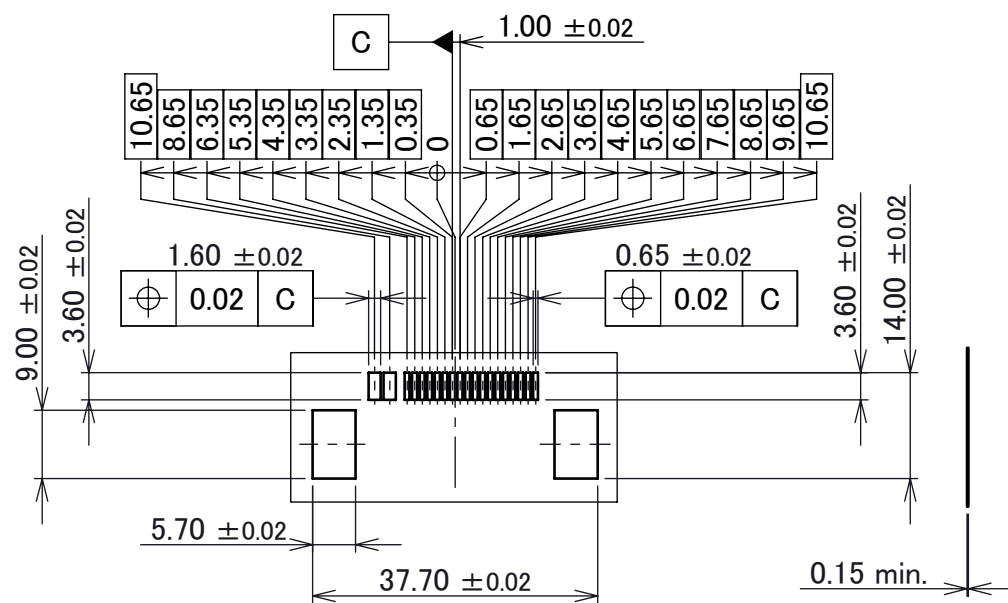
RECOMMENDED FOOTPRINT PATTERN LAYOUT  
1:1



DETAIL A  
5:1



DETAIL B  
5:1



RECOMMENDED METAL MASK LAYOUT  
1:1

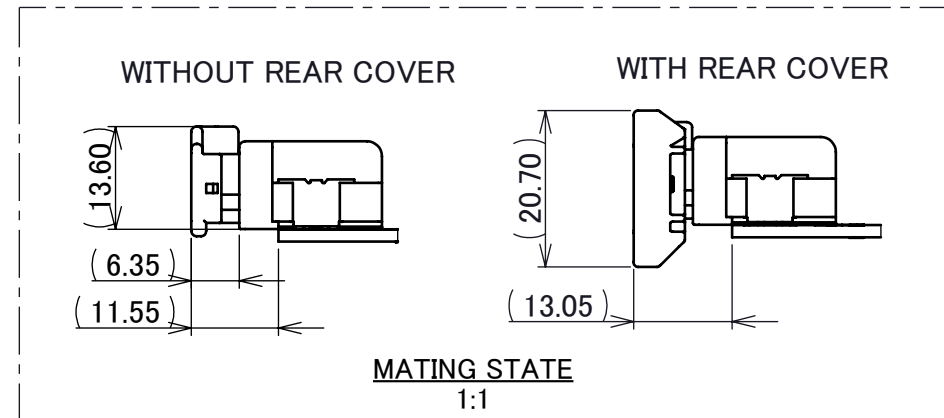
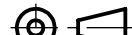


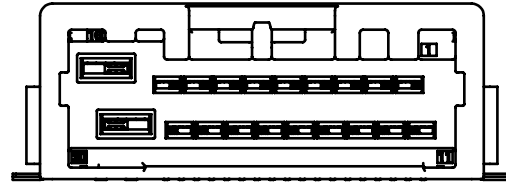
TABLE 1. COUNTERPARTS FOR MATING

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	V0123-020E-01	BLACK	V0124-020B-01	BLACK	VT009-02 & VT011-02	Sn REFLOW	V0124-94020-01	BLACK
KEY CODING-B	V0123-020E-11	NATURAL	V0124-020B-11	NATURAL				

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

						ANGLE	±2°	6 OVER 30 MAX.	±0.3		PROJECTION	SERIES No. R3	CUSTOMER COPY		
						6 MAX.	±0.2	30 OVER 120 MAX.	±0.5						
						GENERAL TOLERANCE.	120 OVER	±0.5%	TITLE ISH® 20P HYBRID P2 MALE CONNECTOR				SCALE	I-PEX	
						DWG.	H. HAMACHI						DATE		
0	S2330	H.H	Mar./31/'23			CHK.	J. MUKUNOKI		DATE	Mar. /31/' 23		UNIT			
REV.	ECN	BY	DATE	APP.		APP.	J. TATEISHI		DATE	Mar. /31/' 23		mm	SIZE	SHEET	REV.
REVISION RECORD						J. TATEISHI		DATE	Mar. /31/' 23		CV0123-020		A3	1/2	0

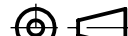

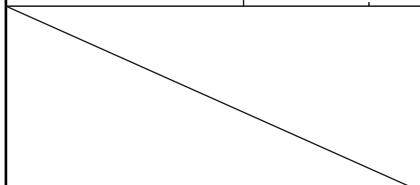
PART NO.	KEY CORDING
V0123-020E-01	KEY CORDING – A
V0123-020E-11	KEY CORDING – B



KEY CODING – B  
PART NO.: V0123-020E-11



QHM-E1A001-09-A3C Rev.2

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R3			
GENERAL TOLERANCE.		120 OVER	±0.5%	TITLE  ISH® 20P HYBRID P2 MALE CONNECTOR		SCALE		
						DWG. No.		
				CV0123-020		mm		
				SIZE	SHEET			
				A3	2/2	0		