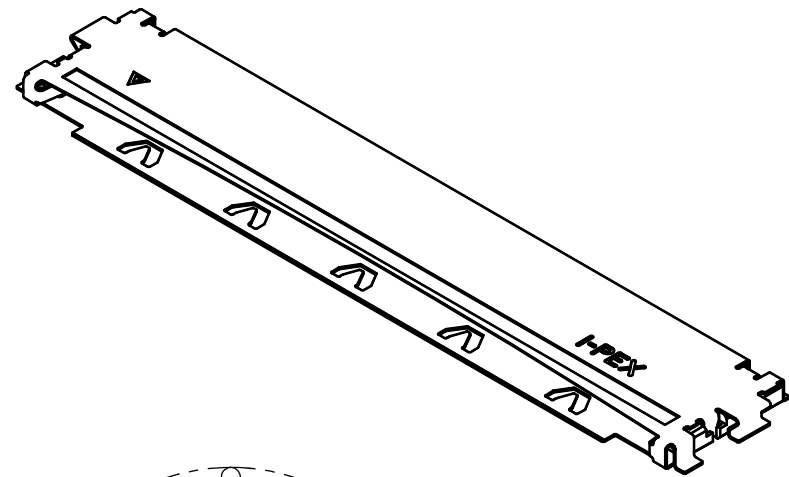
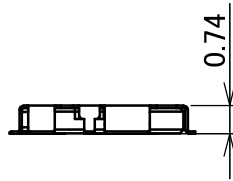
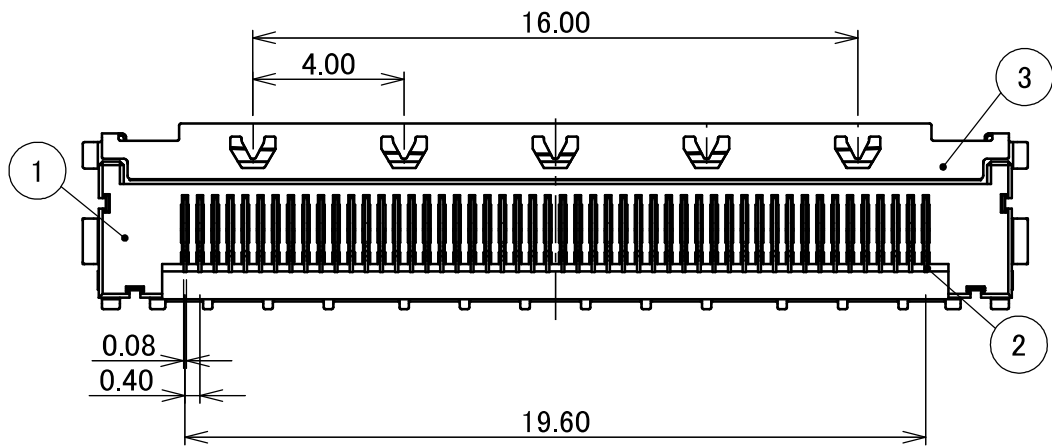
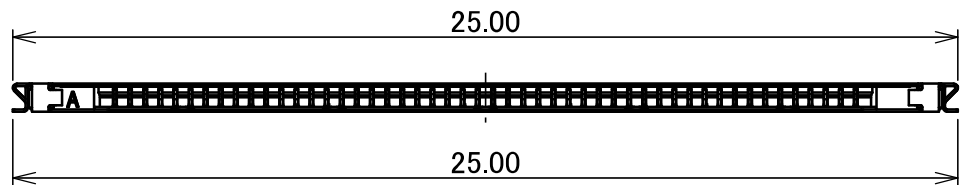
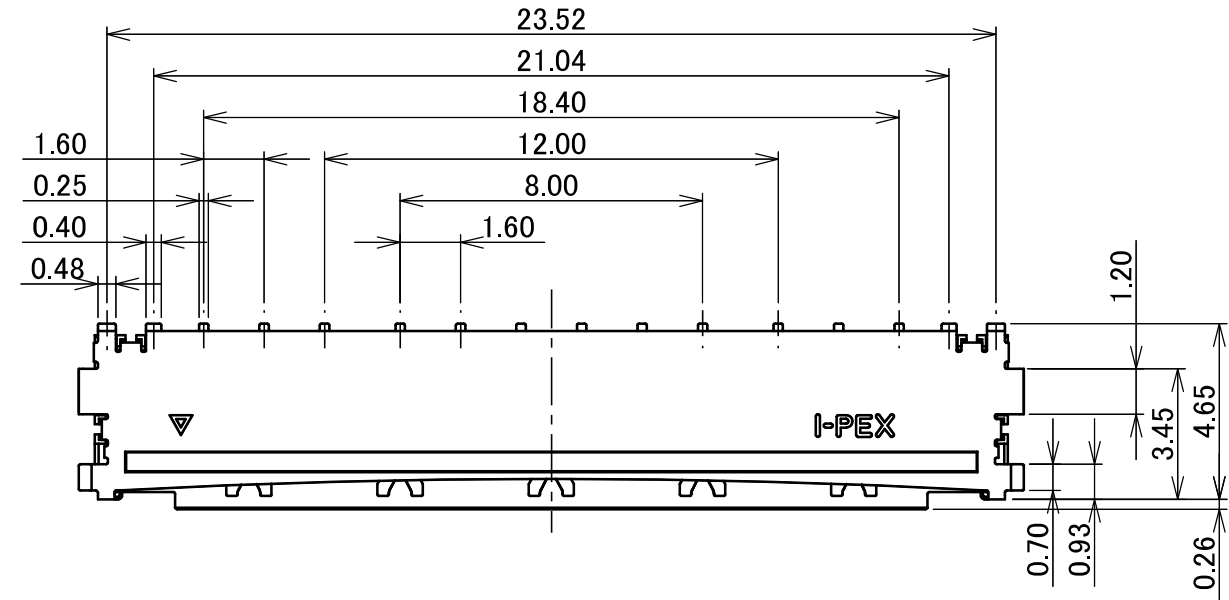


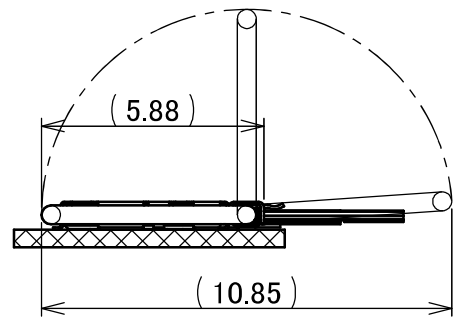
P/N	Pos.
21089-050E-01	50



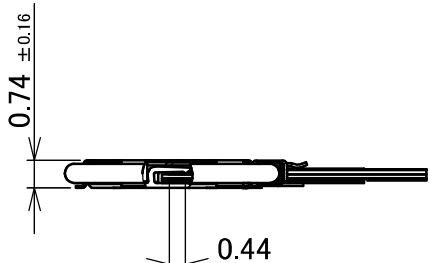
Halogen Free



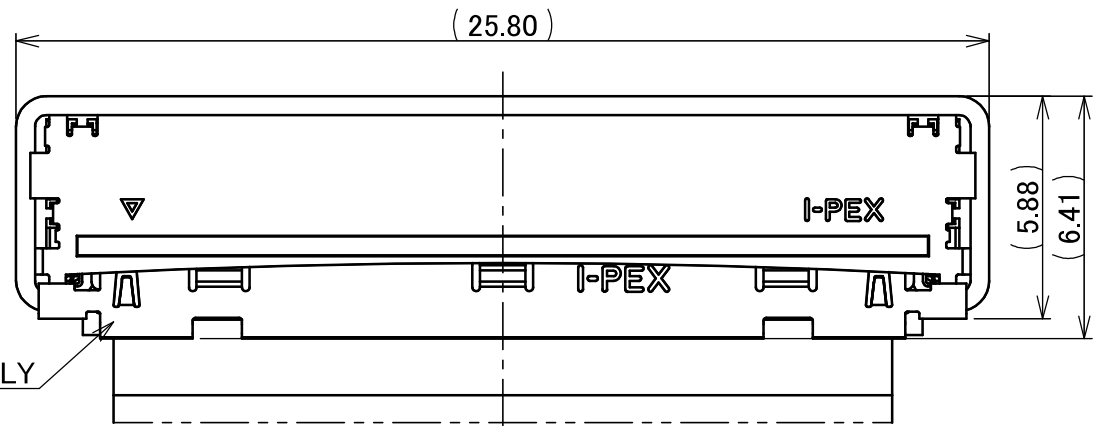
RoHS Compliant



LOCK BAR MOVEMENTS



MATING CONDITION



PLUG SHELL ASSEMBLY
P/N:21088-050T-01

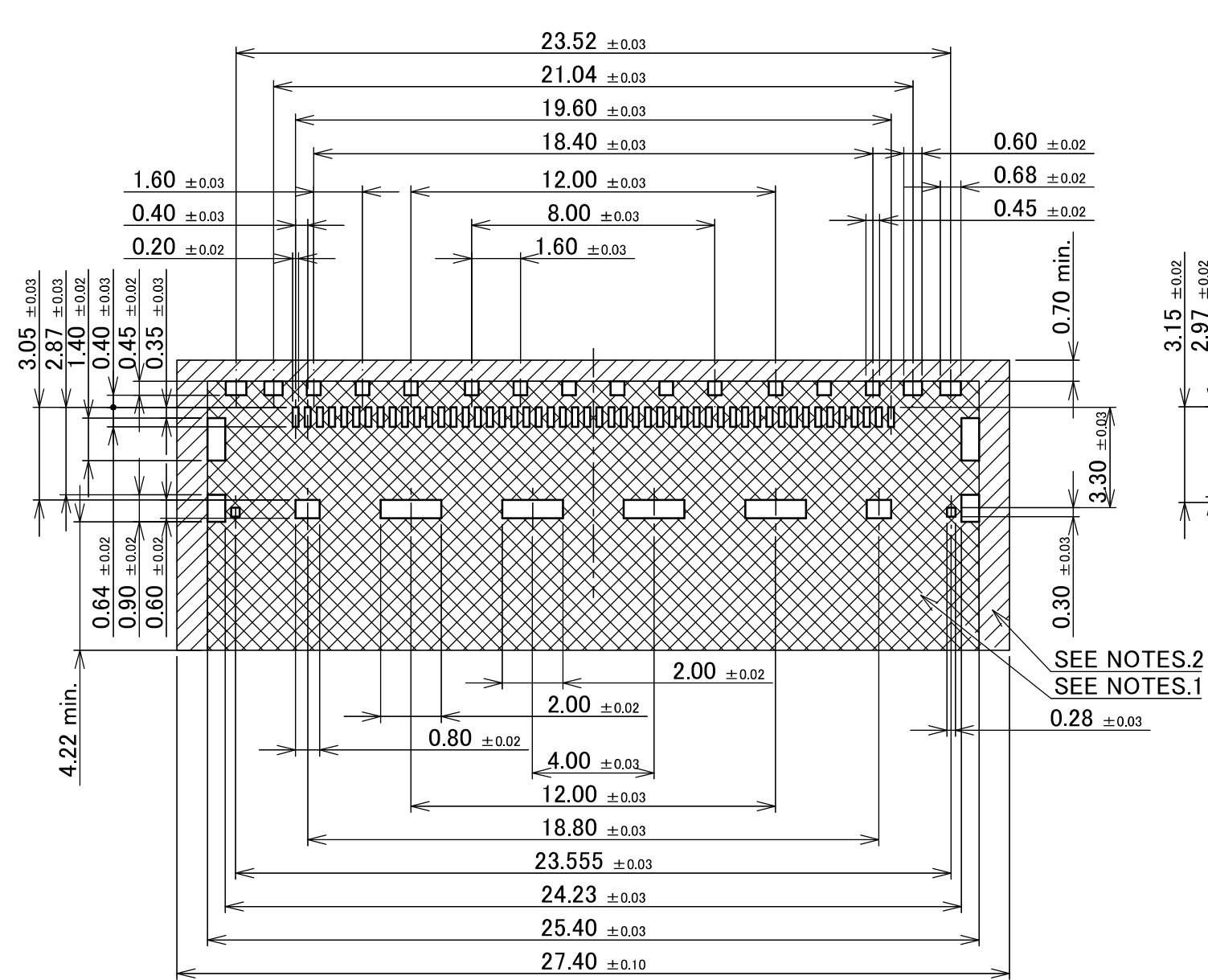
3	SHELL	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. Au 0.01 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT AREA Au 0.10 μ m MIN. SOLDERING AREA Au 0.03 μ m MIN.
1	HOUSING	LCP	-
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

					ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY				
					6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1					
					GENERAL TOLERANCE.				TITLE CABLIN®-CAL IIF RECEPTACLE ASSEMBLY			SCALE	I-PEX		
					DWG.	DATE						5:1			
					R.Hatano			2025/05/09				UNIT			
					CHK.	T.Tanigawa						mm			
0	Z250735	R.H	2025/05/09	-											
REV.	ECN	BY	DATE	APP.	APP.				DWG. No.			SIZE	SHEET	REV.	
REVISION RECORD					H.Ikari				21089			A3	1/5	0	

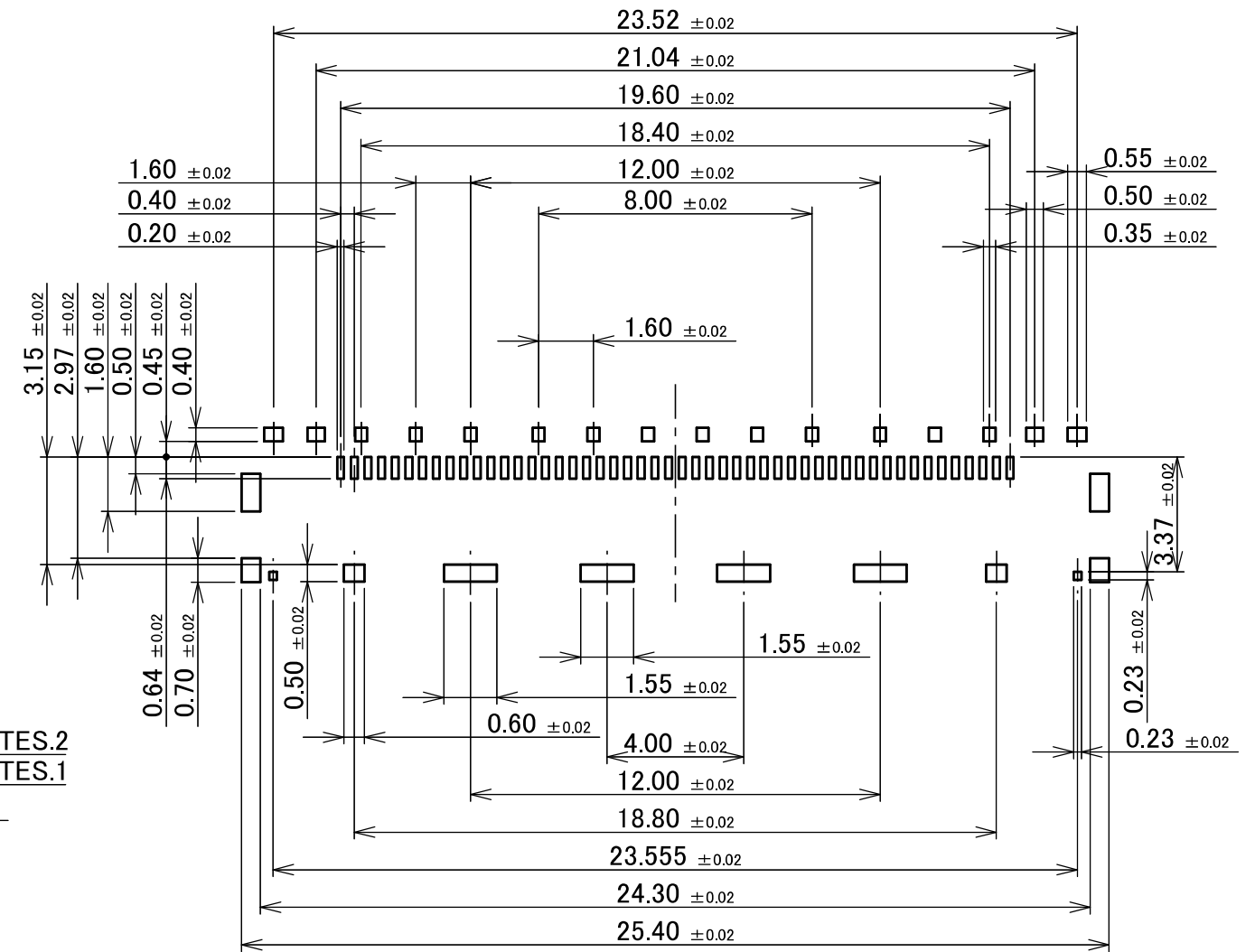
ITEMS	SPECIFICATION
RATING VOLTAGE	100V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR CONTACT)	0.26A AC/DC (per contact) ※ TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION
OPERATING TEMPERATURE	233~358K(−40℃~+85℃)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 100mohm MAX. / AFTER TEST : $\triangle$ 40mohm MAX.
GROUND SHELL RESISTANCE	INITIAL : 100mohm 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)	50P : 15.0N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	50P : 1.00N MIN.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2917
TEST REPORT	TR-24059
PACKING STANDARD	PST-24040
INSTRUCTION MANUAL	HIM-24027
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1			
GENERAL TOLERANCE.					SCALE			
DWG.	DATE				5:1			
CHK.					UNIT			
APP.					mm			
				DWG. No.	SIZE	SHEET	REV.	
					21089	A3	2/5	0

P/N	Pos.
21089-050E-01	50



RECOMMENDED FOOTPRINT PATTERN LAYOUT

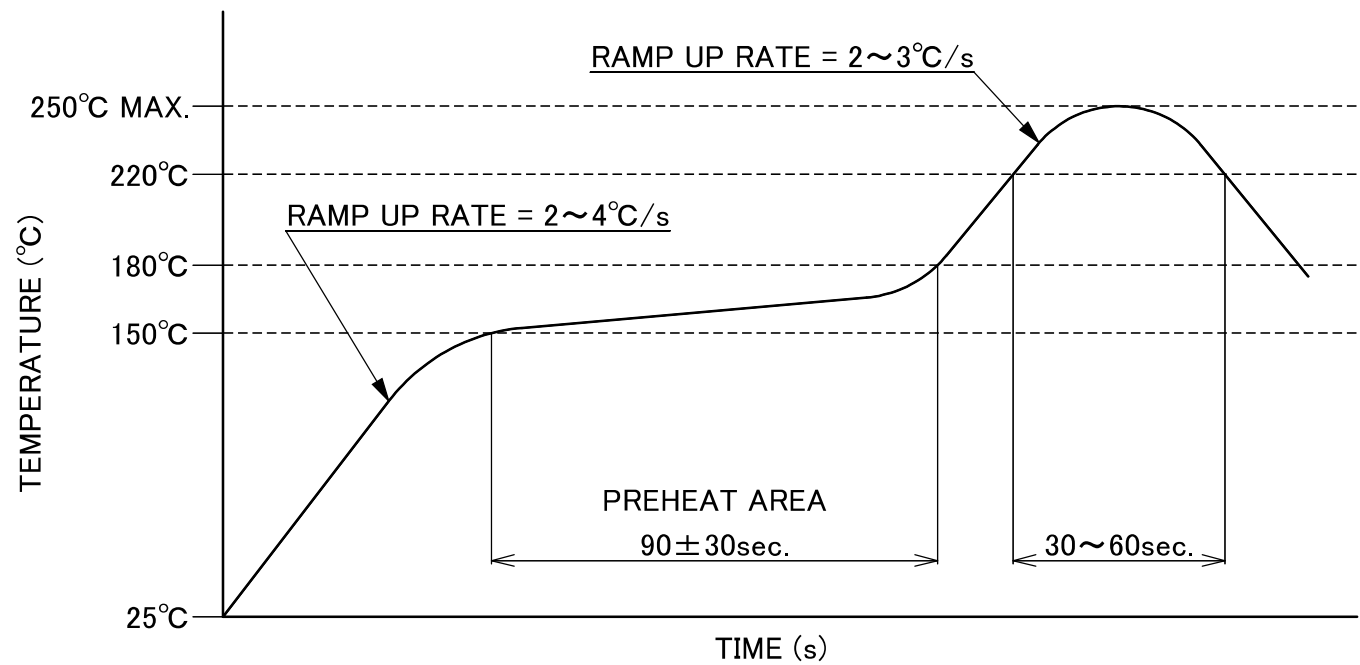
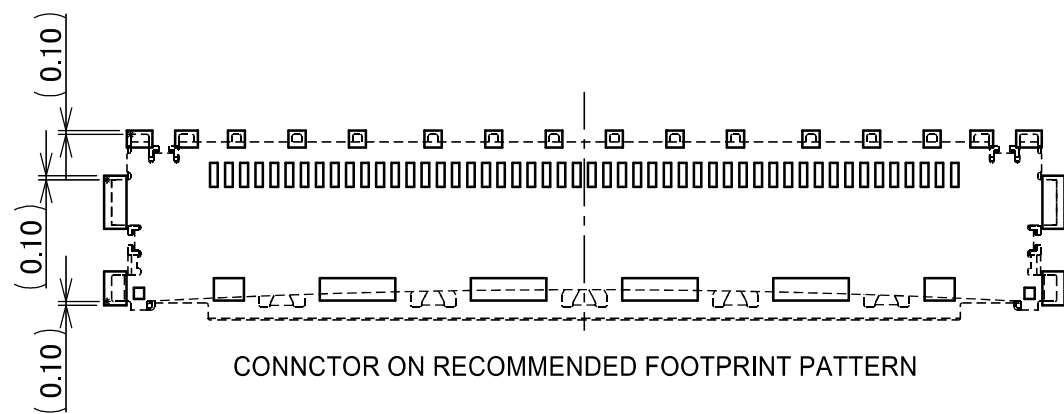


RECOMMENDED METAL MASK PATTERN LAYOUT
METAL MASK THICKNESS : t=0.12

- NOTES.
1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
 2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1			
GENERAL TOLERANCE.				TITLE CABL [®] -CAL IIF RECEPTACLE ASSEMBLY		SCALE		
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						DWG. No.	21089	SIZE
						A3	3/5	0

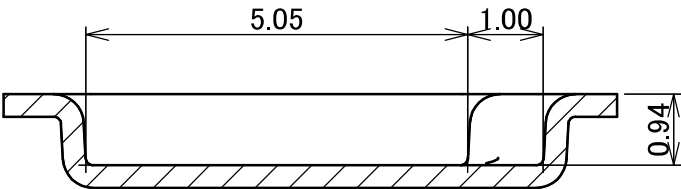
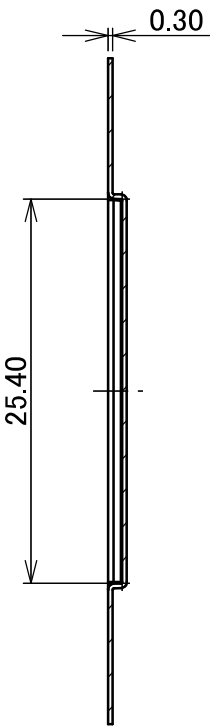
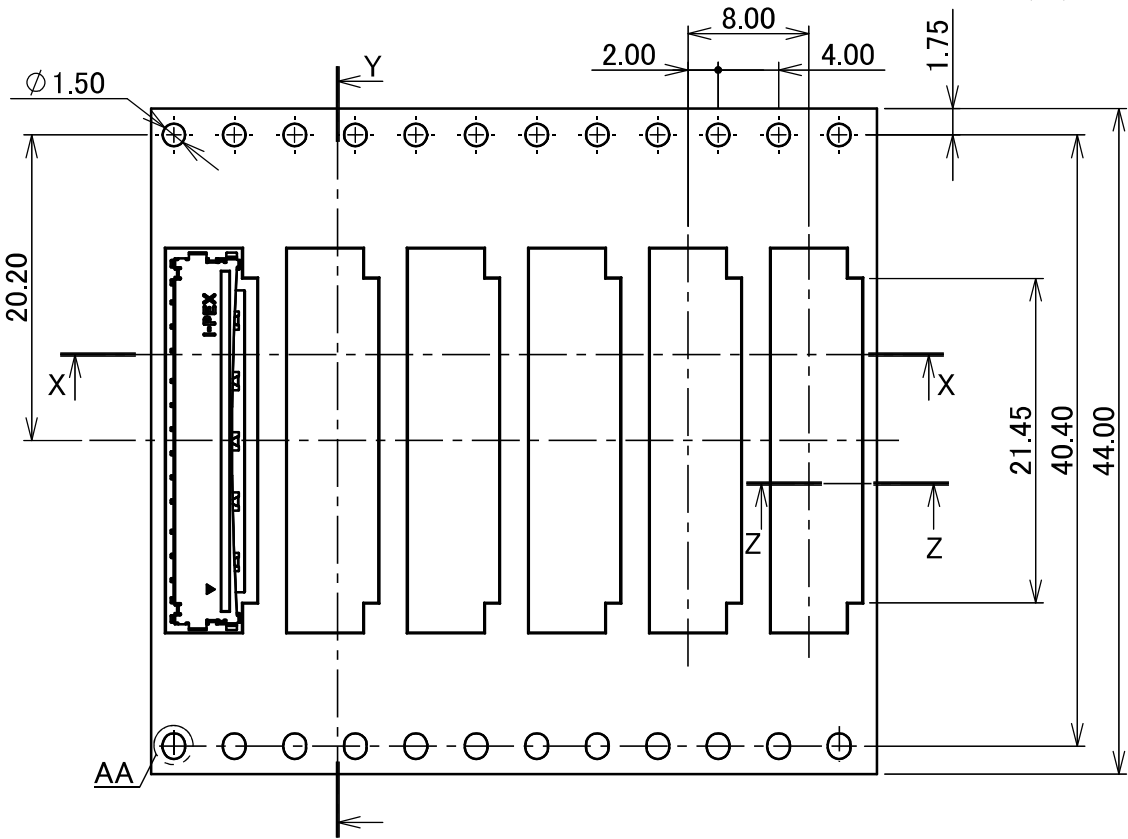
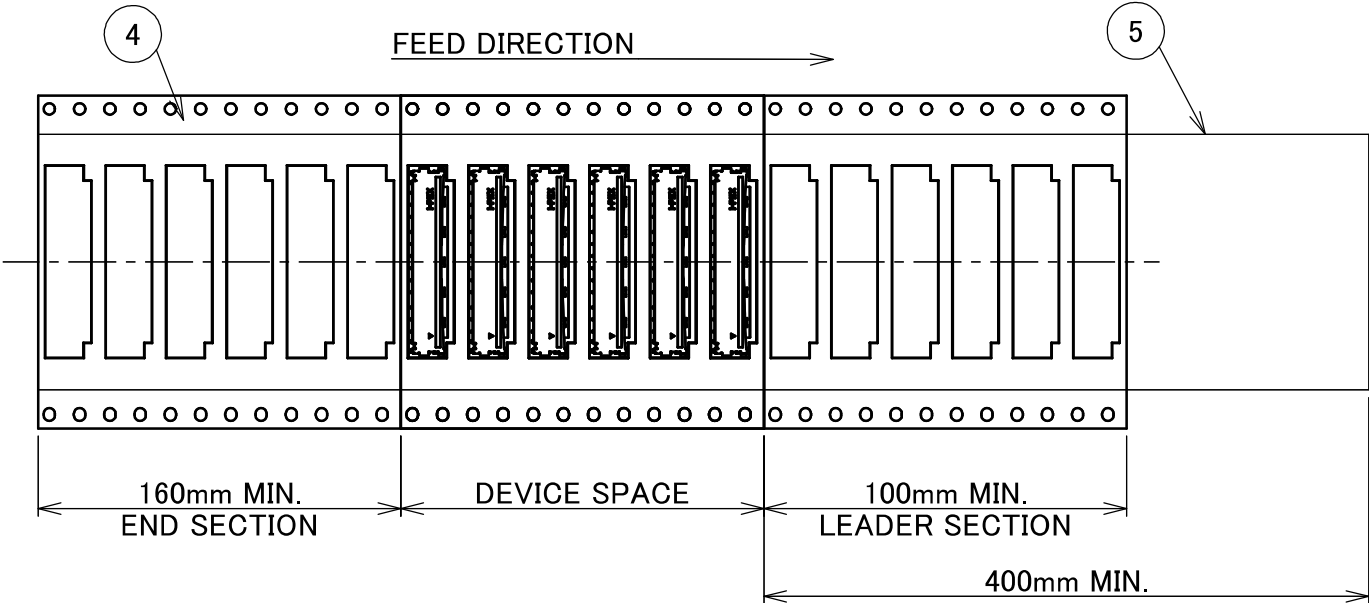
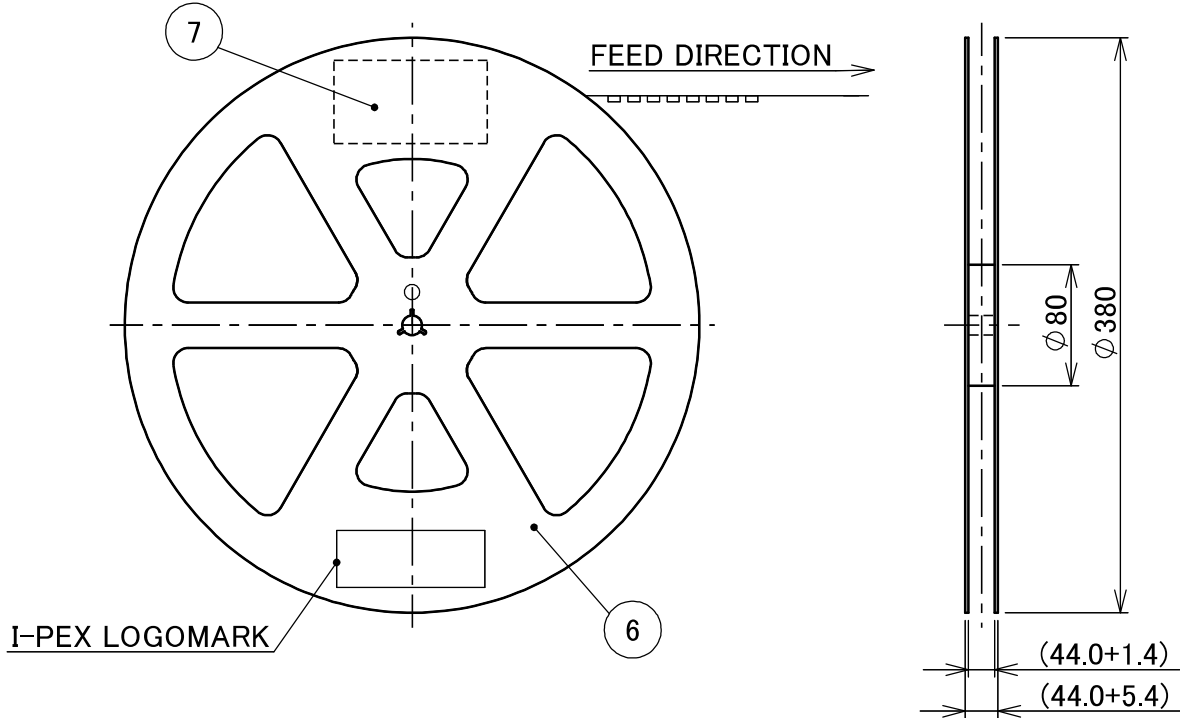
P/N	Pos.
21089-050E-01	50



REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R1	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -CAL IIF RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	21089	SIZE	SHEET	REV.
						A3	4/5	0

PART NO.	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
21089-050E-01	8000/ REEL	3 / CARTON = 24000



SECT. Z-Z
(S=10 : 1)

- NOTES.
- TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3)
 - MAKE EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE.
 - TOP TAPE SHALL NOT STICK OUT FROM EMBOSS TAPE.
 - 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		R1			
GENERAL TOLERANCE.				TITLE CABLIN®-CAL IIF RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.		DATE				2:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.		SIZE	SHEET	REV.
				21089		A3	5/5	0

