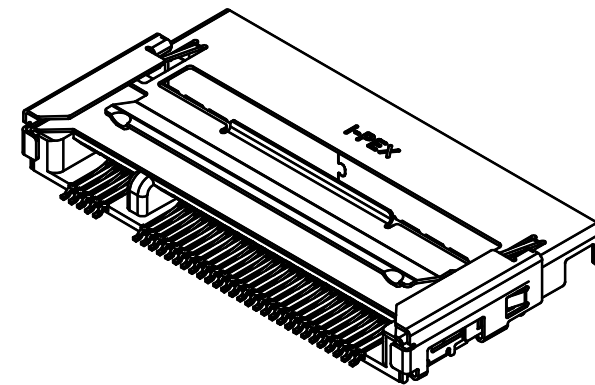
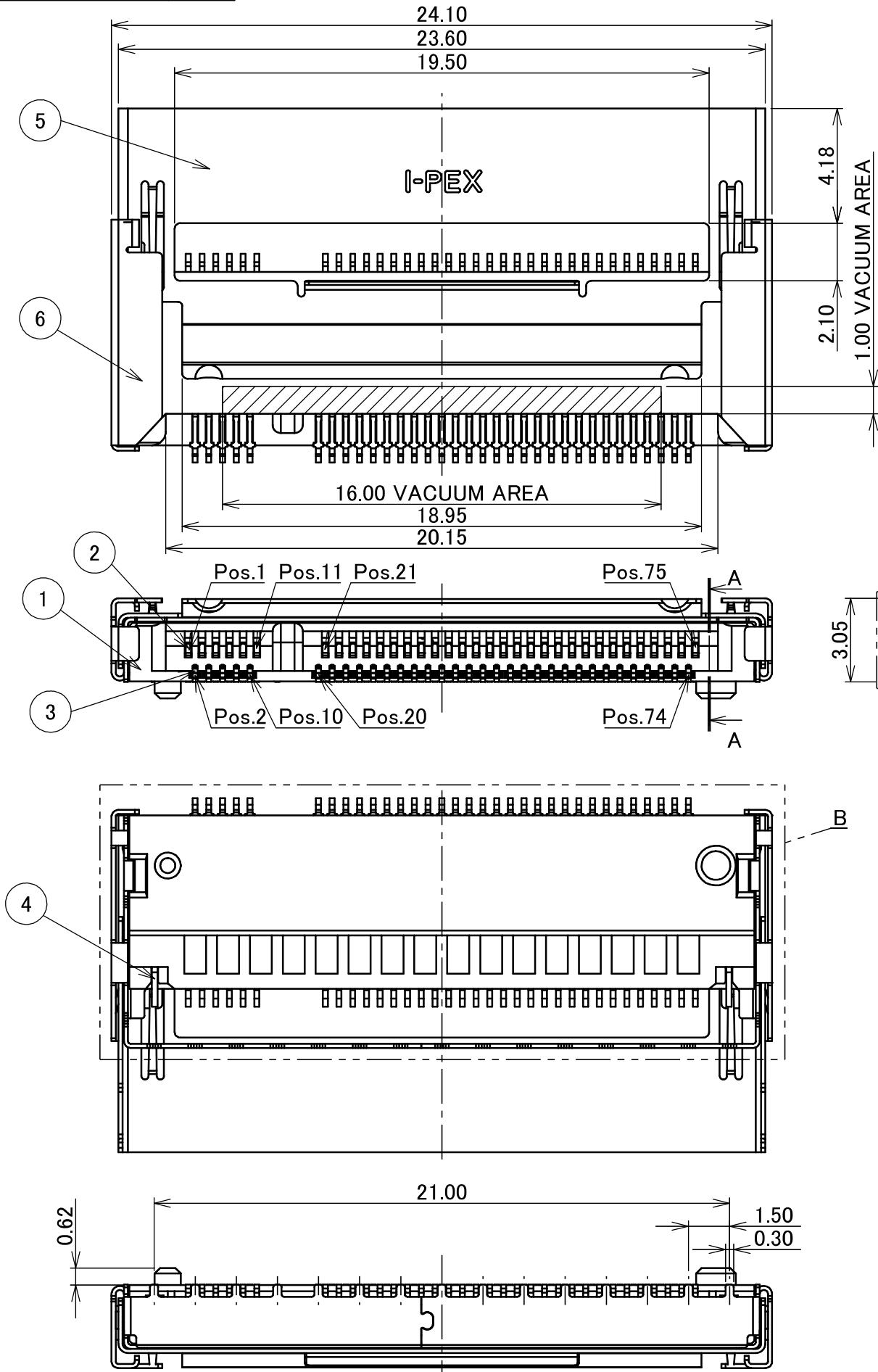
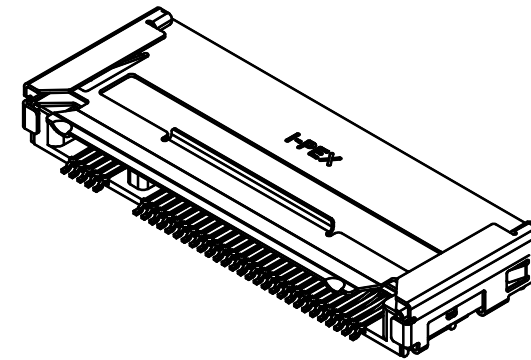


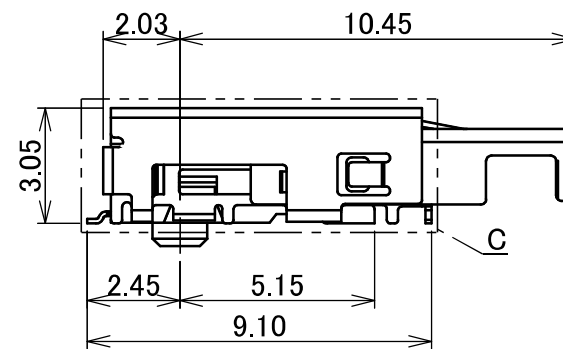
PART NO.	Pos.
21065-067E-01	67



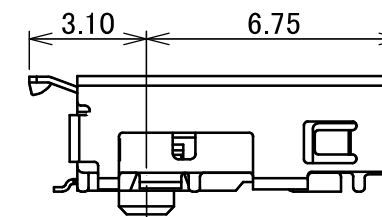
COVER OPEN
SHIPPING STATUS



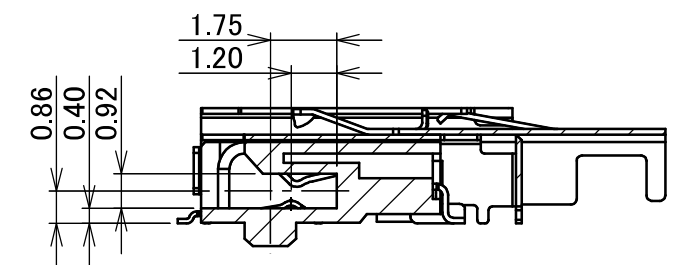
COVER CLOSE
READY TO INSERT CARD



COVER OPEN



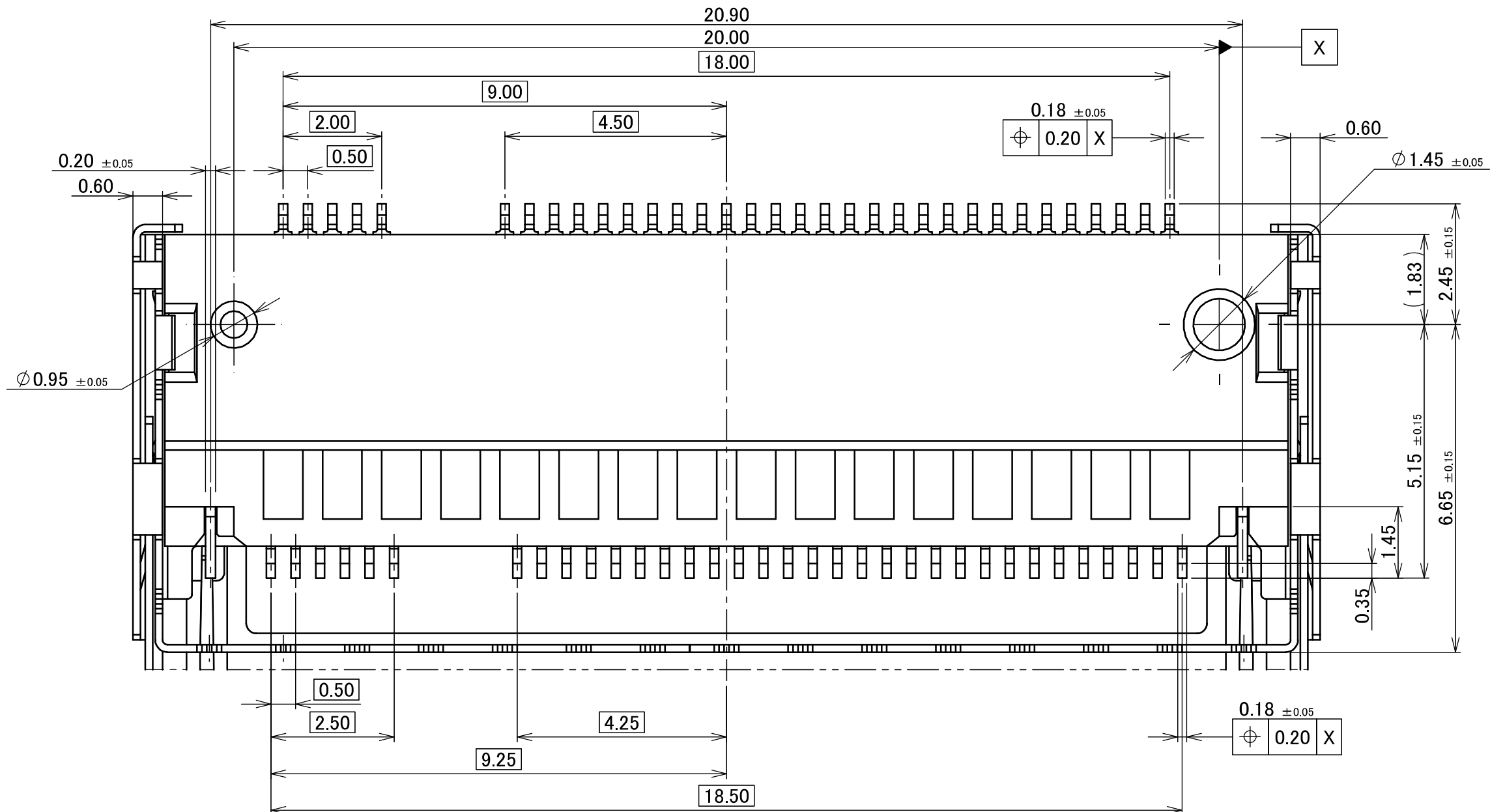
COVER CLOSE



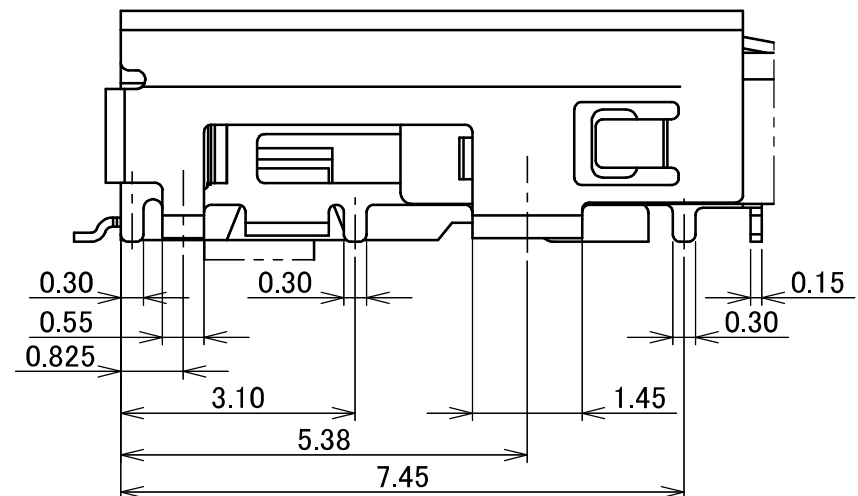
SECT. A-A

6	SHIELD SHELL	SUS	Matt Sn 1.00 μ m MIN. OVER Ni 1.27 μ m MIN. (NO POLISH)
5	SLIDE COVER	SUS	-
4	HOLD DOWN	SUS	Matt Sn 1.52 μ m MIN. OVER Ni 1.27 μ m MIN. (NO POLISH)
3	LOWER CONTACT	PHOSPHOR BRONZE	CONTACT AREA : Au 0.254 μ m MIN. SOLDERING AREA : Au FLASH OTHER : Ni 1.27 μ m MIN.
2	UPPER CONTACT	PHOSPHOR BRONZE	CONTACT AREA : Au 0.254 μ m MIN. SOLDERING AREA : Au FLASH OTHER : Ni 1.27 μ m MIN.
1	HOUSING	LCP	UL94V-0, BLACK
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

					ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R2	CUSTOMER COPY			
					6 MAX.	±0.2	30 OVER 120 MAX.	±0.5						
					GENERAL TOLERANCE.				TITLE SX-M2 B-KEY		SCALE	I-PEX		
					DWG.	DATE					5:1			
1	ZC00910	M.M	2026/08/28	H.I	M.Muro			2026/03/18			UNIT			
0	ZC00550	M.M	2026/03/18	—	CHK.	—								mm
REV.	ECN	BY	DATE	APP.	APP.					DWG. No.	21065	SIZE	SHEET	REV.
REVISION RECORD					H.Ikari						A3	1/8	1	



DETAIL B
(S = 10/1)

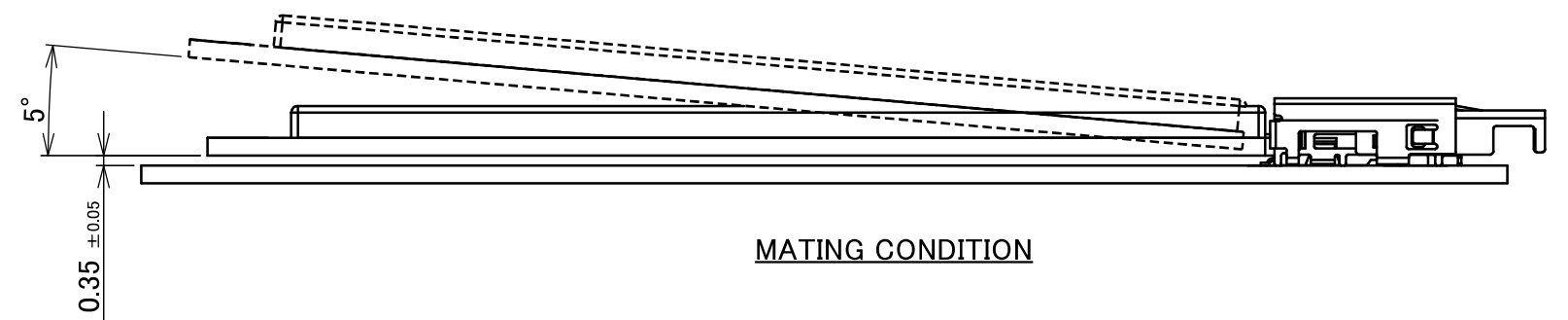
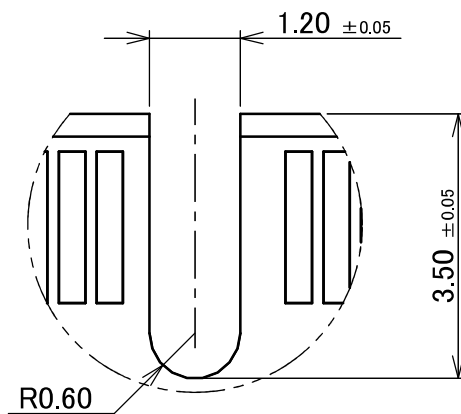
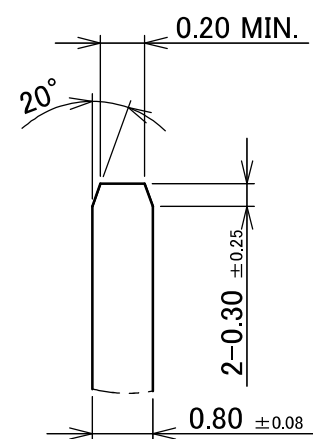
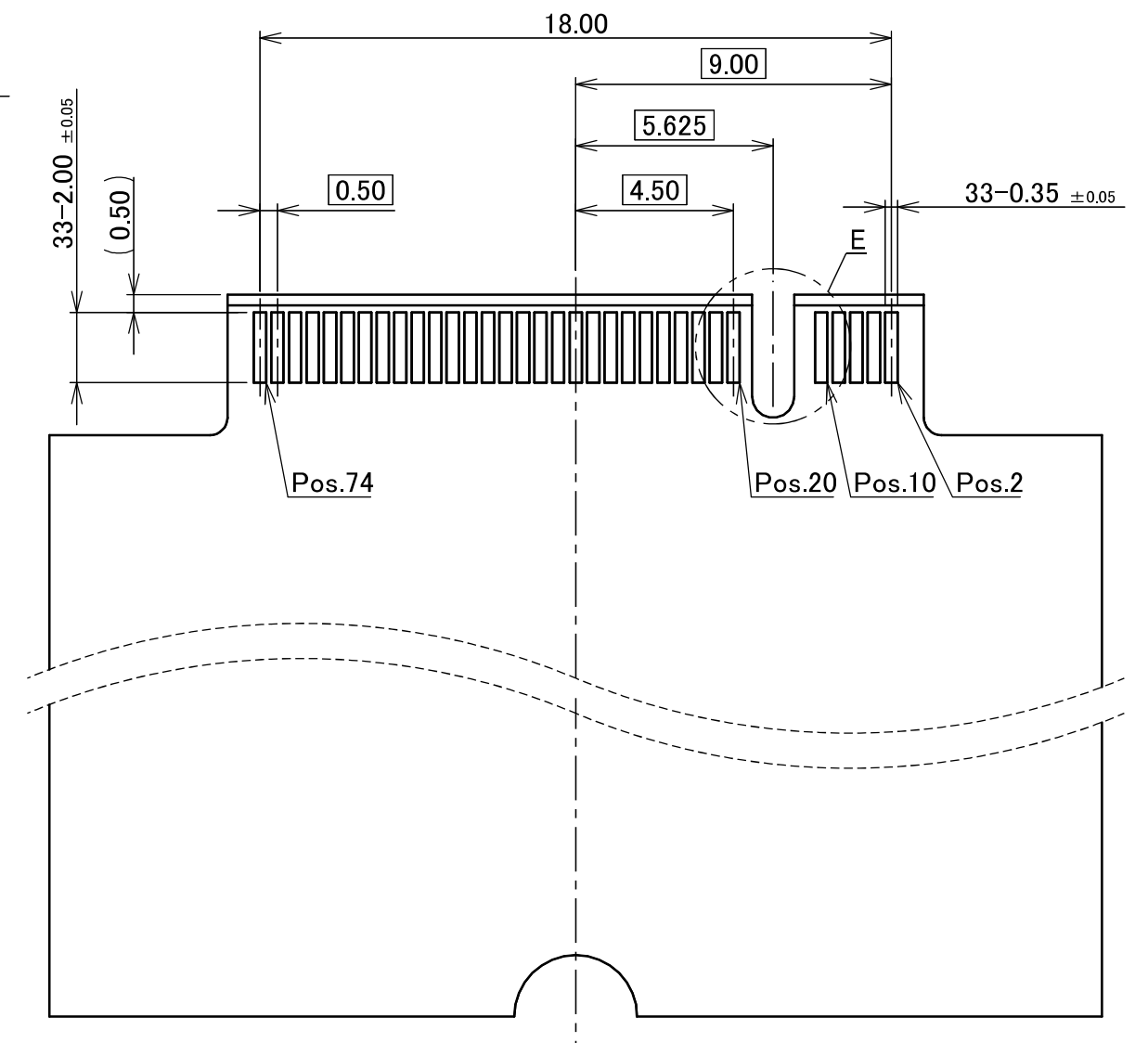
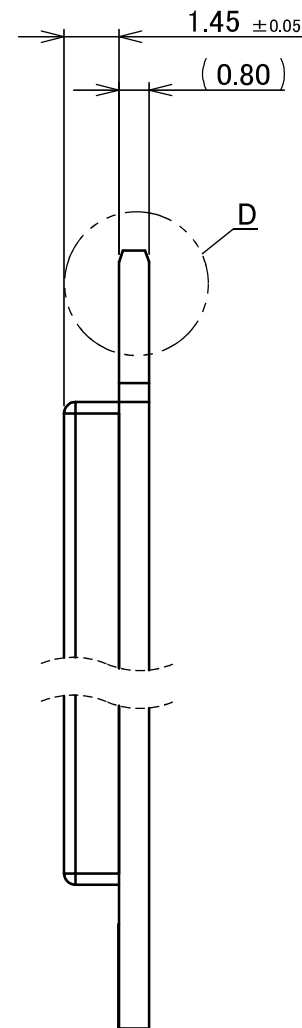
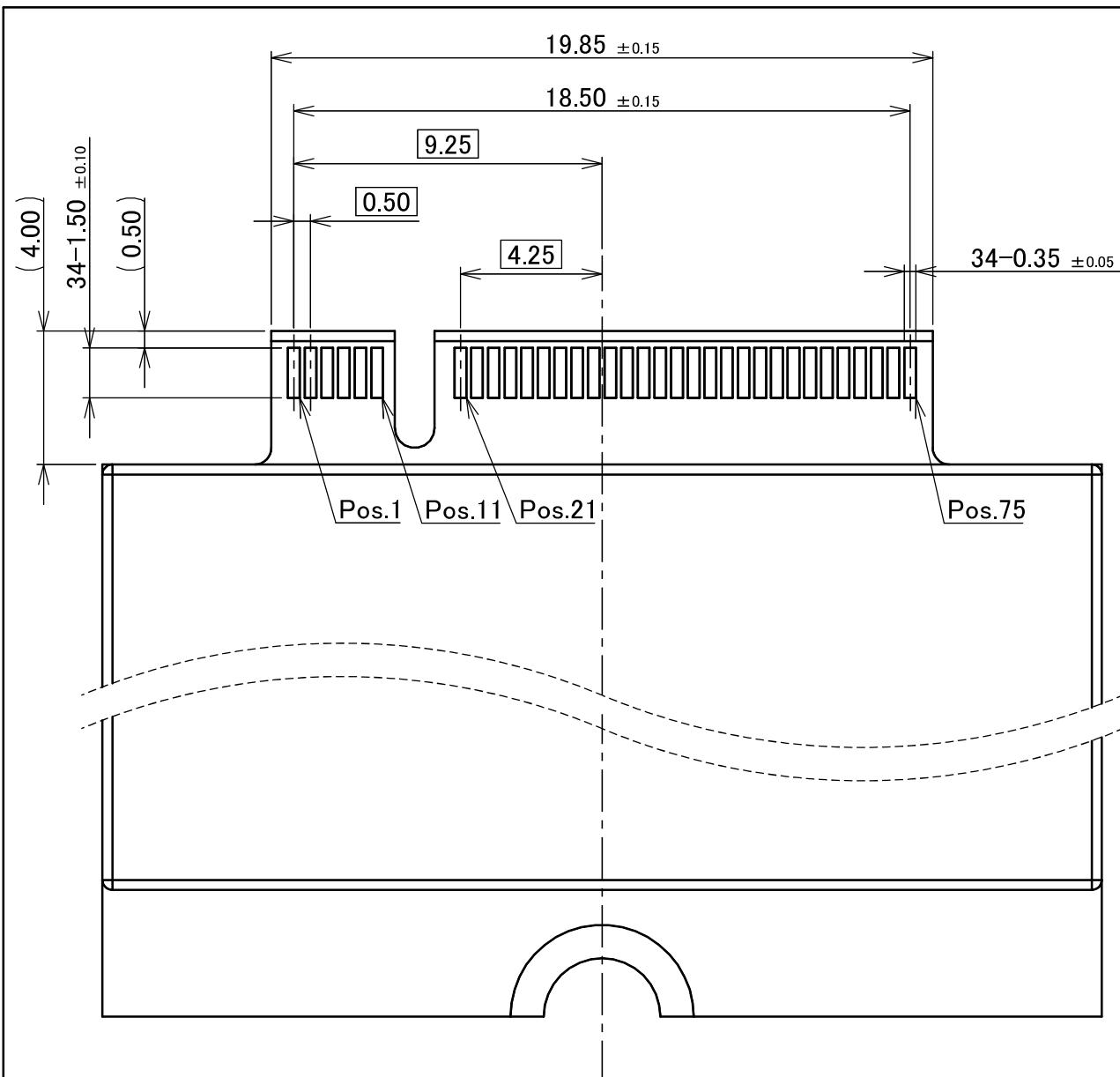


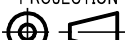
DETAIL C
(S=10/1)

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R2			
GENERAL TOLERANCE.				TITLE SX-M2 B-KEY		SCALE	I-PEX	
DWG.	DATE		5:1					
CHK.			UNIT					
APP.			mm					
				DWG. No.	21065	SIZE	SHEET	REV.
						A3	2/8	1

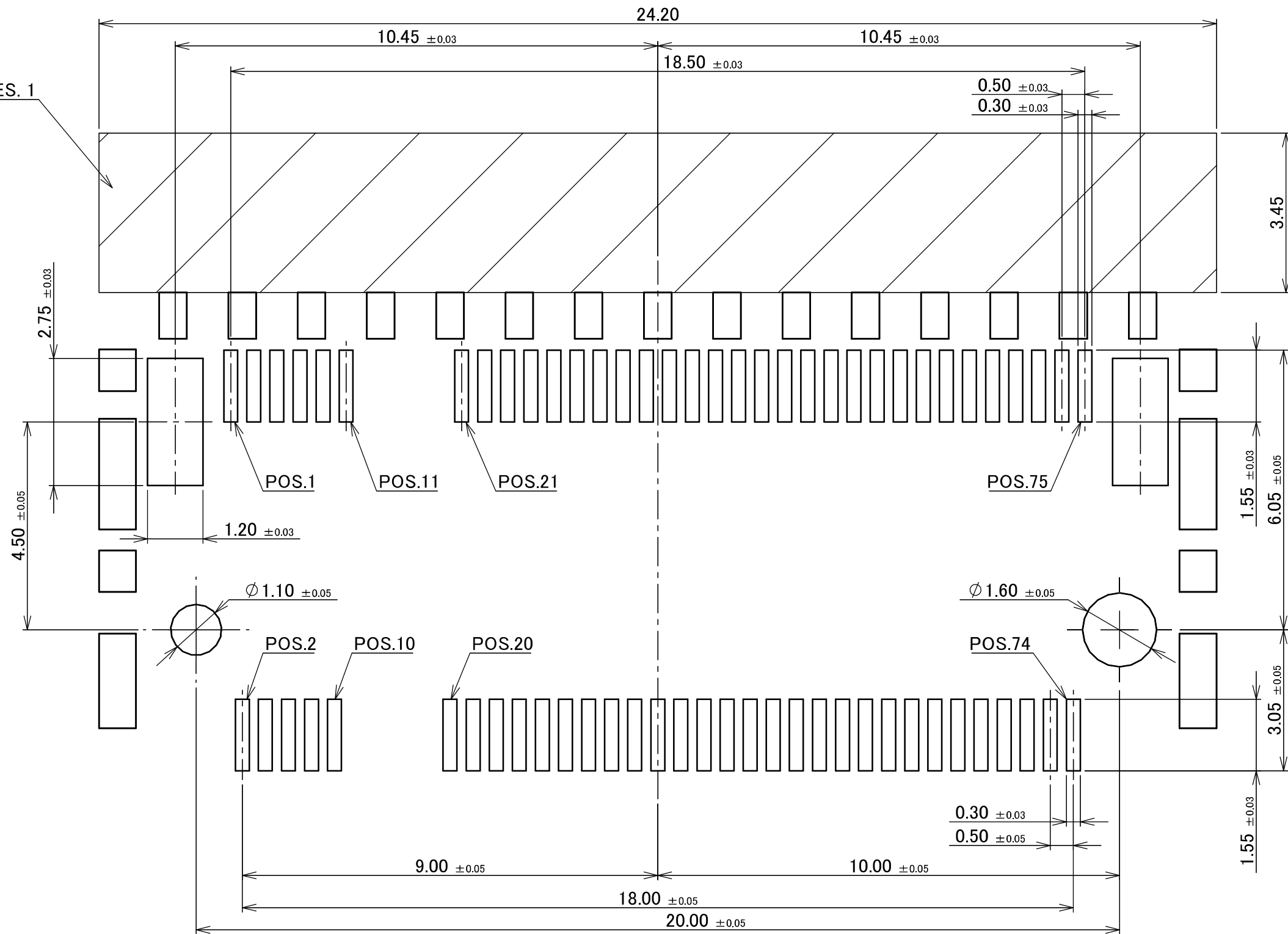
ITEMS	SPECIFICATION
RATED VOLTAGE	35V AC (PER CONTACT PIN)
RATED CURRENT	0.5A AC/DC (PER CONTACT PIN)
OPERATING TEMPERATURE	233 TO 353K (−40°C TO +80°C)
OPERATING HUMIDITY	95% MAX.
CONTACT RESISTANCE	INITIAL : 55mohm MAX. / AFTER TEST : $\triangleleft$ 20mohm MAX.
INSULATION RESISTANCE	500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC 300V 1min
DURABILITY	60 CYCLES
MATING FORCE	25N MAX.
UNMATING FORCE	25N MAX.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2951
TEST REPORT	TR-25032
PACKING STANDARD	PST-25022
INSTRUCTION MANUAL	HIM-26004
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R2	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE SX-M2 B-KEY		SCALE	I-PEX	
DWG.	DATE					—		
CHK.						UNIT		
APP.						mm		
				DWG. No.		SIZE	SHEET	REV.
				21065		A3	3/8	1



ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R2	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE SX-M2 B-KEY	SCALE 5:1	I-PEX		
DWG.		DATE						
CHK.								
APP.								
				DWG. No. 21065	SIZE A3	SHEET 4/8	REV. 1	

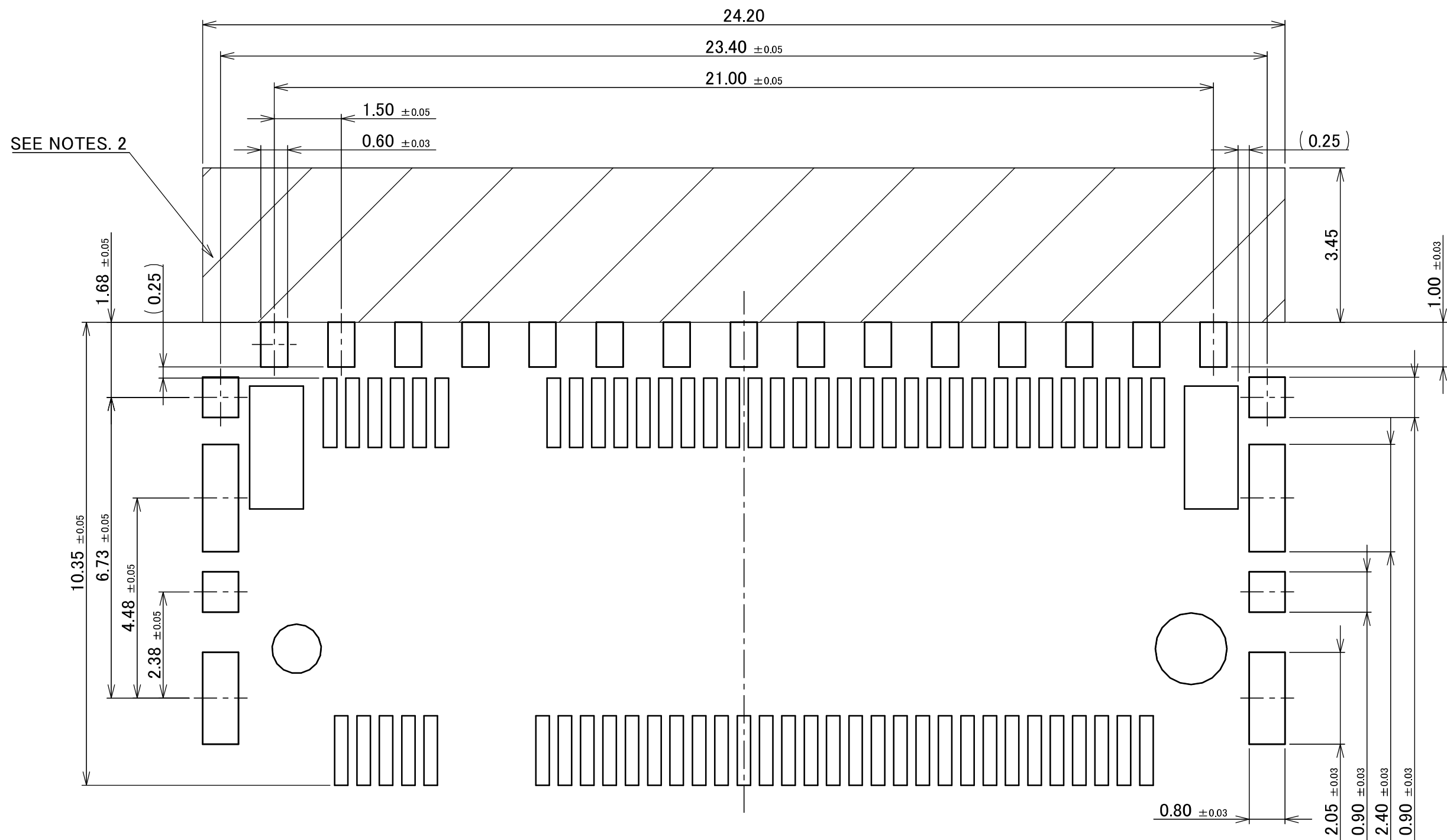
SEE NOTES. 1



RECOMMENDED PCB & METAL MASK LAYOUT
(CONTACT AND HOLD DOWN)
METAL MASK THICKNESS : $t=0.10$ mm

NOTES.
1. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA

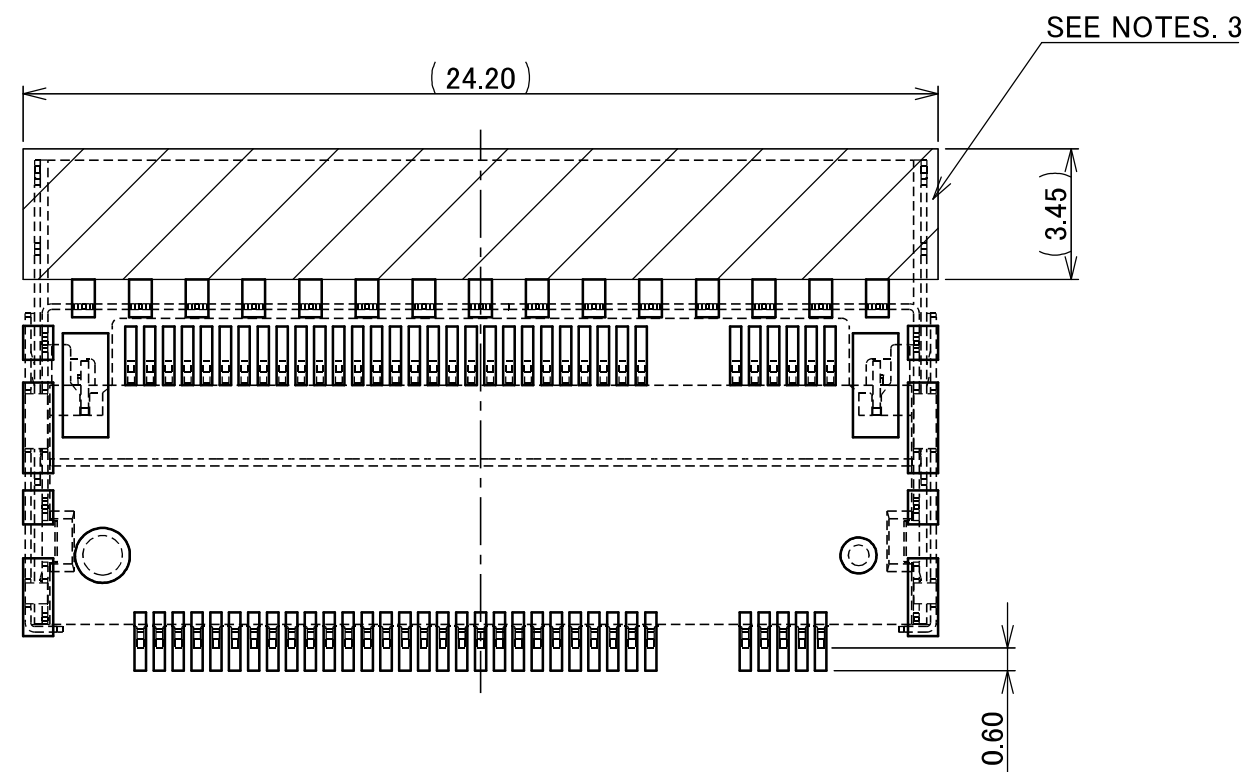
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R2			
GENERAL TOLERANCE.				TITLE SX-M2 B-KEY	SCALE	I-PEX		
DWG.		DATE			10:1			
CHK.					UNIT			
					mm			
APP.				DWG. No.	SIZE	SHEET	REV.	
				21065	A3	5/8	1	



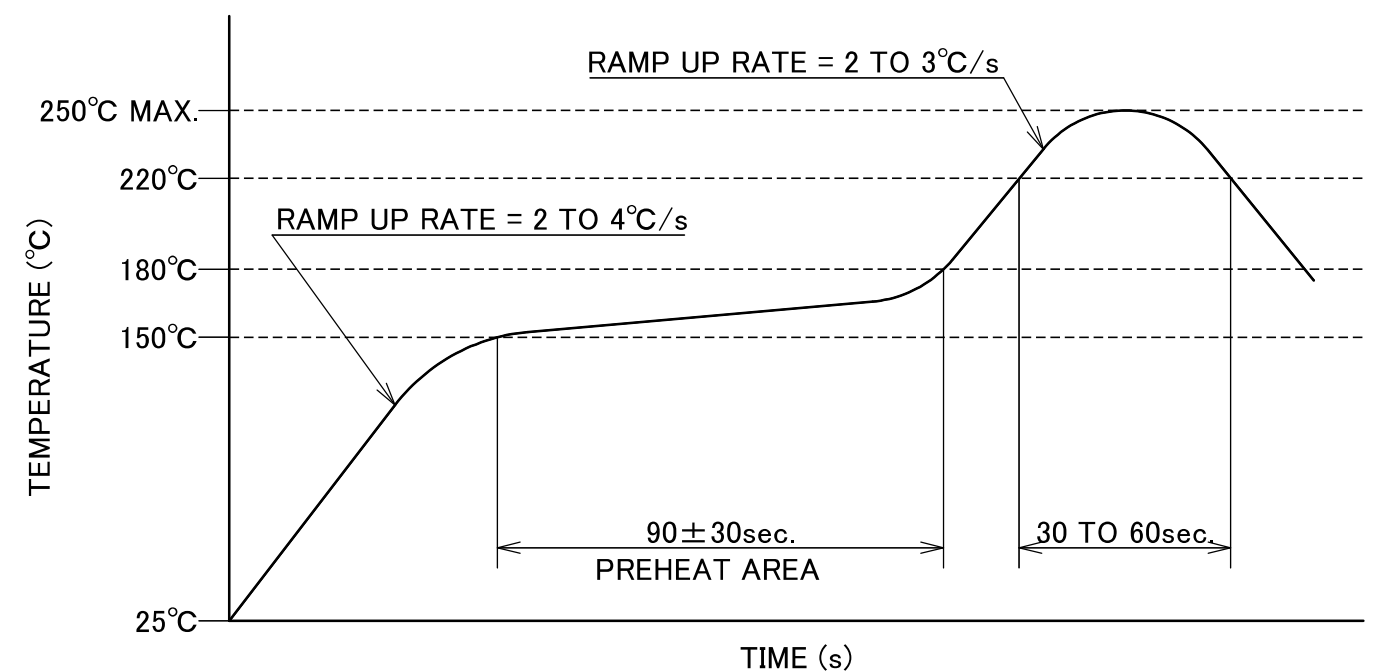
RECOMMENDED PCB & METAL MASK LAYOUT
(SHIELD SHELL)
METAL MASK THICKNESS : t=0.10 mm

NOTES.
2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R2	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE SX-M2 B-KEY		SCALE	I-PEX	
DWG.		DATE				10:1		
CHK.						UNIT		
						mm		
APP.				DWG. No. 21065		SIZE	SHEET	REV.
						A3	6/8	1

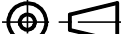


CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN

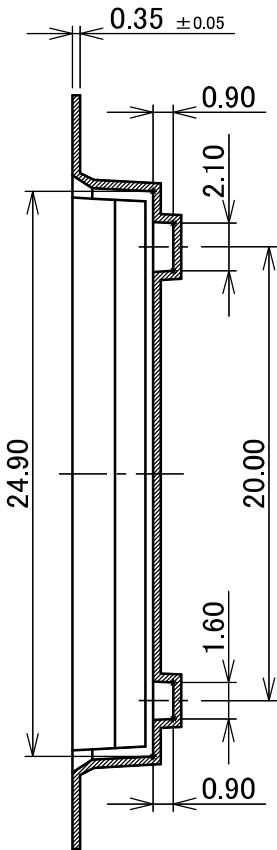
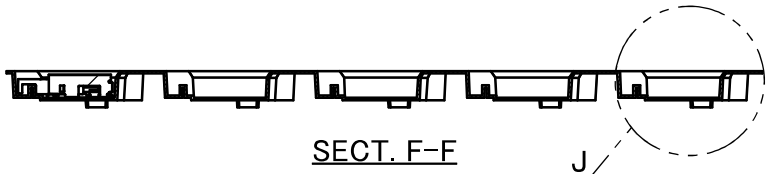
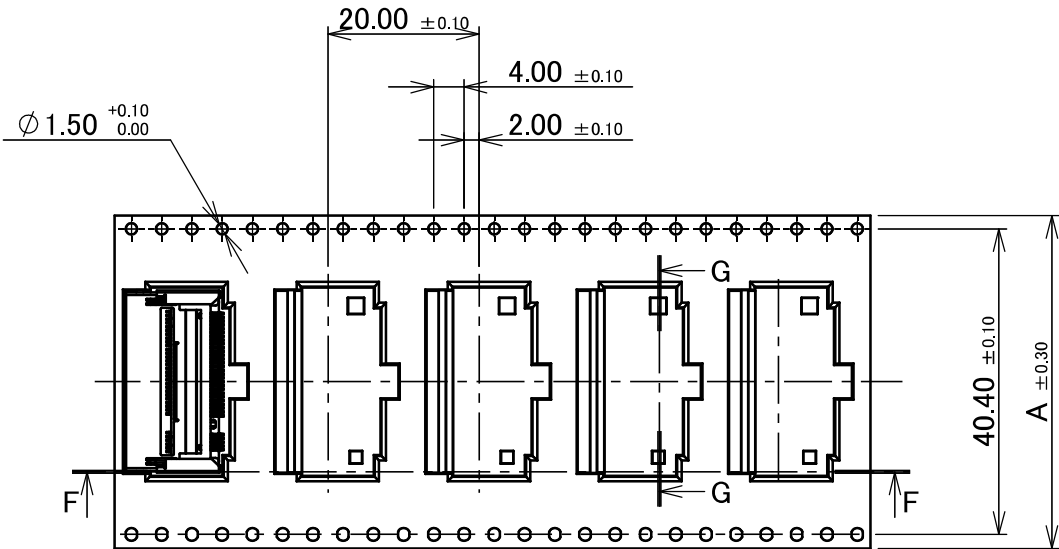
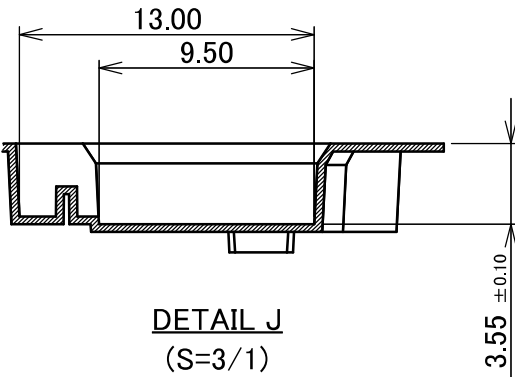
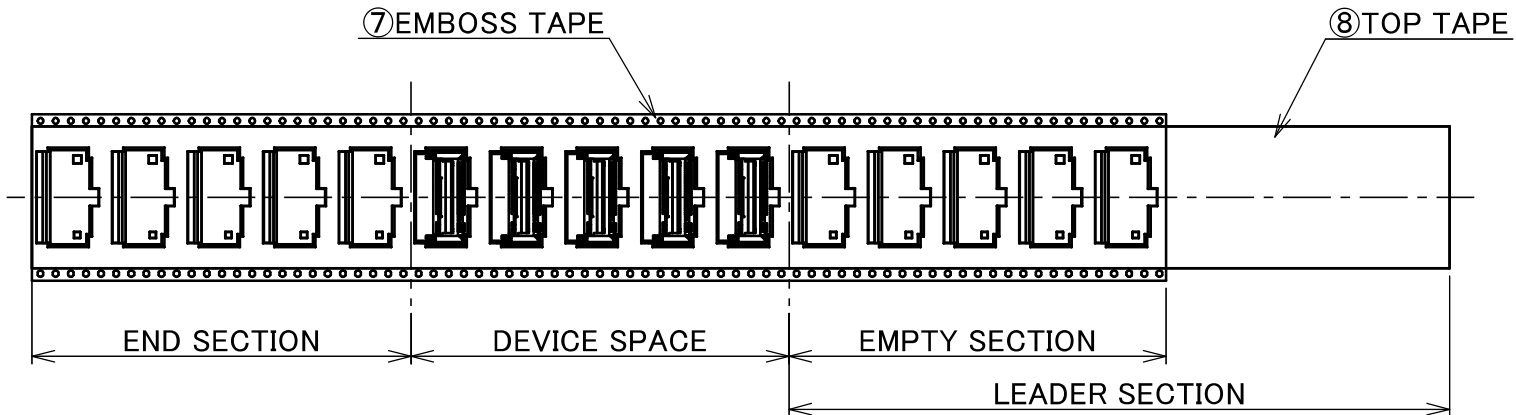
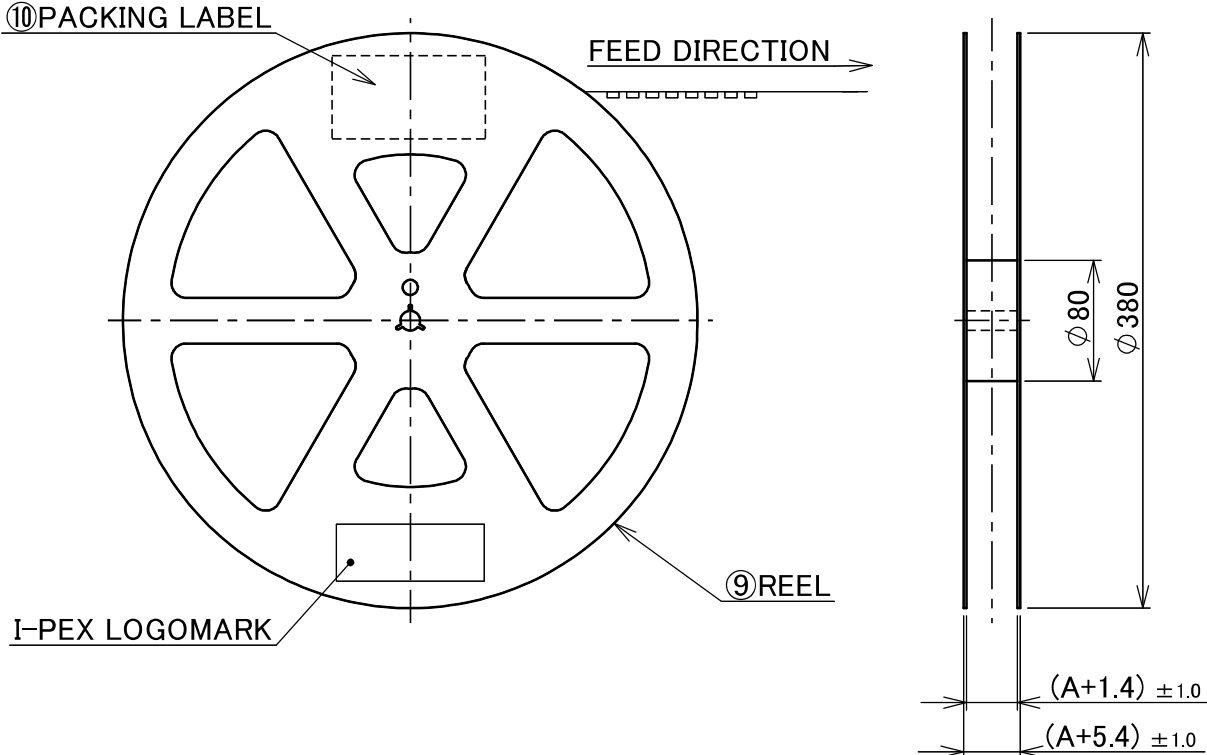


REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

- NOTES.
3. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R2	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE SX-M2 B-KEY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
			mm					
APP.				DWG. No.	21065	SIZE	SHEET	REV.
						A3	7/8	1

PART NO.	A	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
21065-067E-01	44.00	1,000 PIECES / REEL	3 REELS / CARTON = 3,000 PIECES / CARTON



- 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.

10	PACKING LABEL	-	-
9	REEL	PS	ANTI-STATIC TYPE, BLACK
8	TOP TAPE	PET TRANSPARENCY	ANTI-STATIC TYPE
7	EMBOSS TAPE	PS TRANSPARENCY	ANTI-STATIC TYPE
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R2	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE SX-M2 B-KEY		SCALE	I-PEX	
DWG.	DATE					X:1		
CHK.						UNIT		
			mm					
APP.				DWG. No.		SIZE	SHEET	REV.
21065				A3	8/8	1		