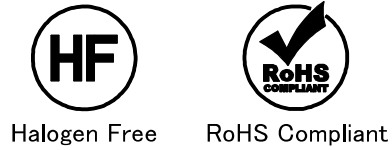
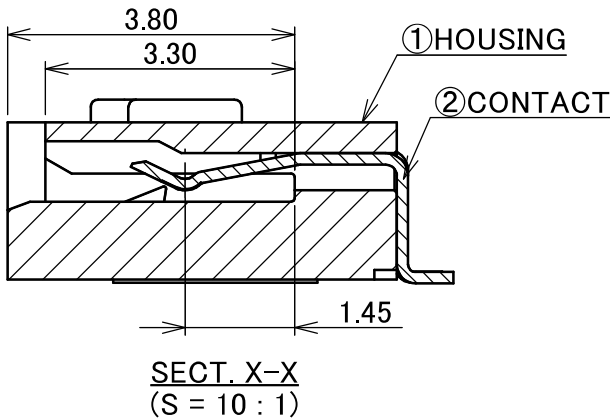
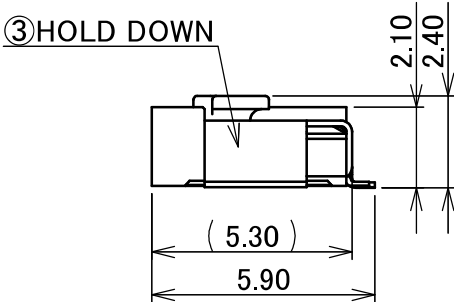
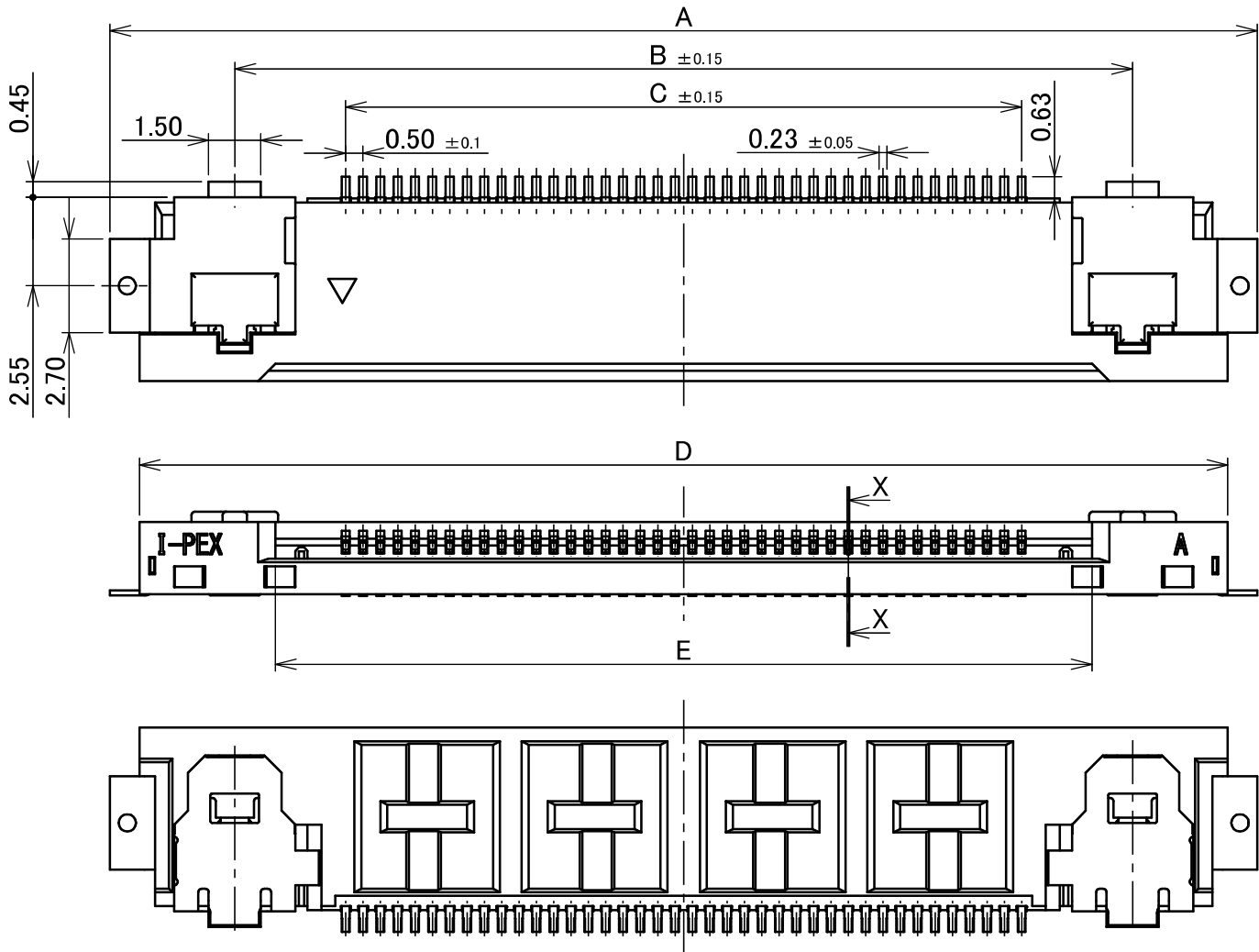
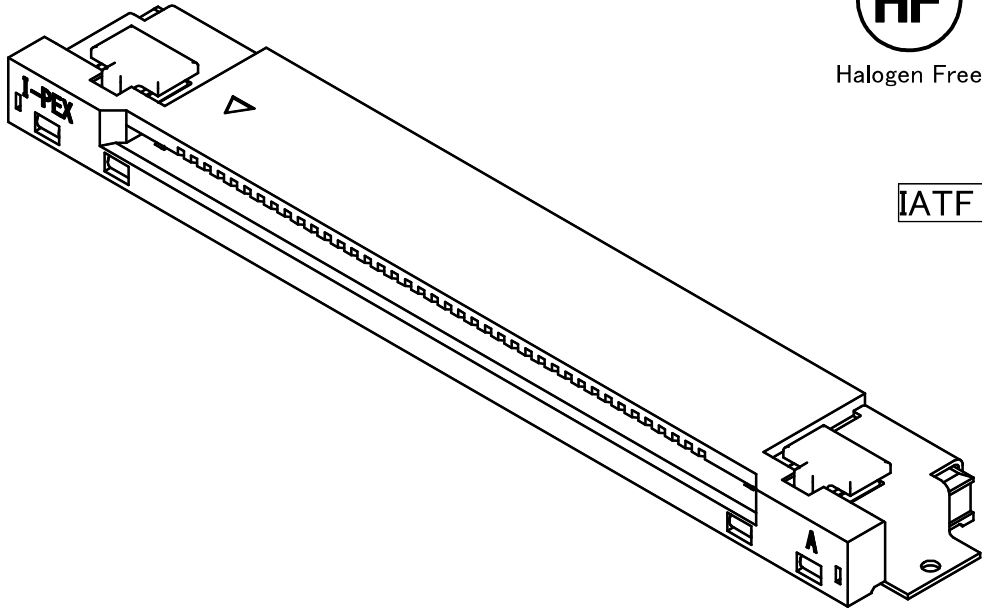


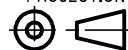
PART NO.	Pos.	A	B	C	D	E
20526-010E-01	10	18.10	10.90	4.50	16.40	8.56
20526-015E-01	15	20.60	13.40	7.00	18.90	11.06
20526-022E-01	22	24.10	16.90	10.50	22.40	14.56
20526-030E-01	30	28.10	20.90	14.50	26.40	18.56
20526-040E-01	40	33.10	25.90	19.50	31.40	23.56
20526-045E-01	45	35.60	28.40	22.00	33.90	26.06
20526-050E-01	50	38.10	30.90	24.50	36.40	28.56
20526-060E-01	60	43.10	35.90	29.50	41.40	33.56



IATF 16949 Certified



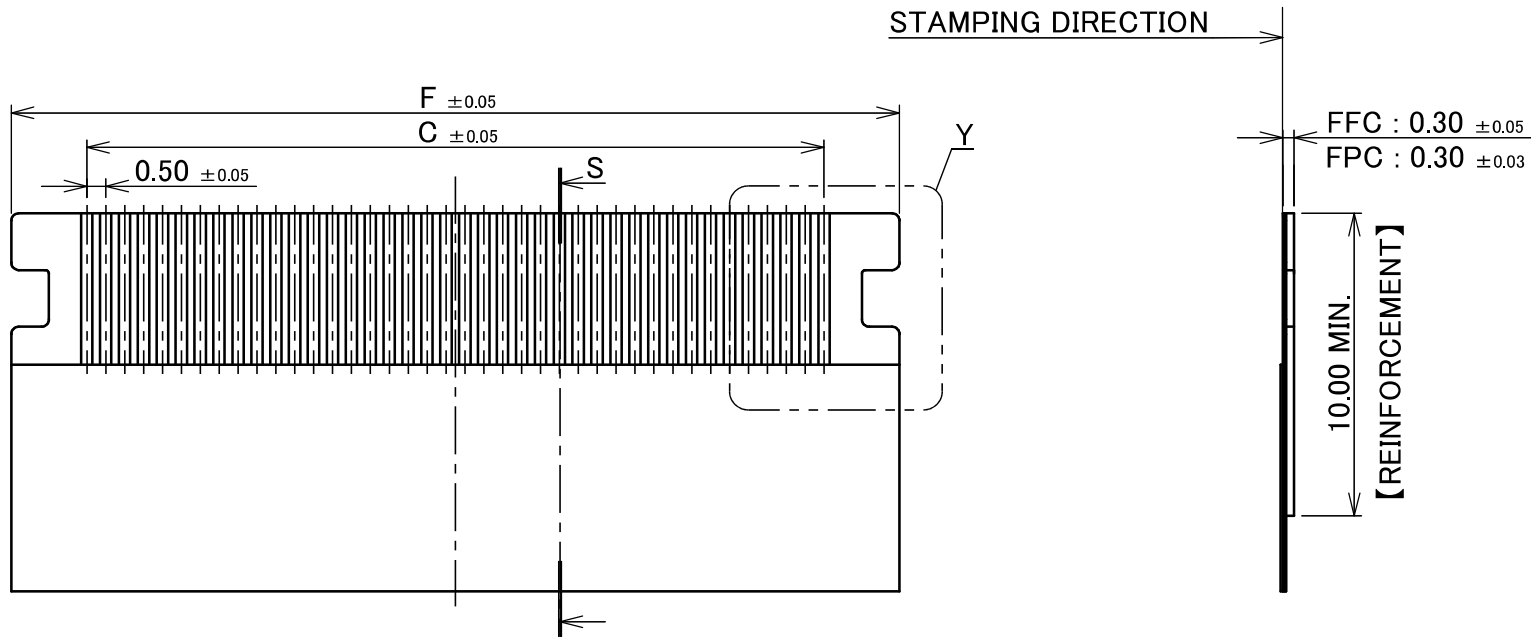
3	HOLD DOWN	PHOSPHOR BRONZE	SOLDERING AREA : Sn 2.00 μ m MIN. OVER Ni 1.00 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE	CONTACT AREA : Au 0.10 μ m MIN. OVER Ni 1.00 μ m MIN. SOLDERING AREA : Au 0.03 μ m MIN. OVER Ni 1.00 μ m MIN.
1	HOUSING	LCP	UL94V-0 BLACK
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

16	ZC01035	Mino	2026/10/08	H.I	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY		
15	ZC00267	Mino	2025/11/19	T.M	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R5			
14	Z240235	Mino	2024/02/26	T.M	GENERAL TOLERANCE.				TITLE EVAFLEX® 5-SE	SCALE	I-PEX		
13	Z230321	Y.I	2023/03/20	M.T	DWG.	DATE		H.Hara2011/11/02		5:1			
12	Z220207	K.H	2022/02/28	H.I	CHK.					UNIT			
11	Z211372	K.H	2021/11/09	H.I	Y.Hashimoto					mm			
REV.	ECN	BY	DATE	APP.	APP.				DWG. No.	20526	SIZE	SHEET	REV.
REVISION RECORD					T.Harada						A3	1/6	16

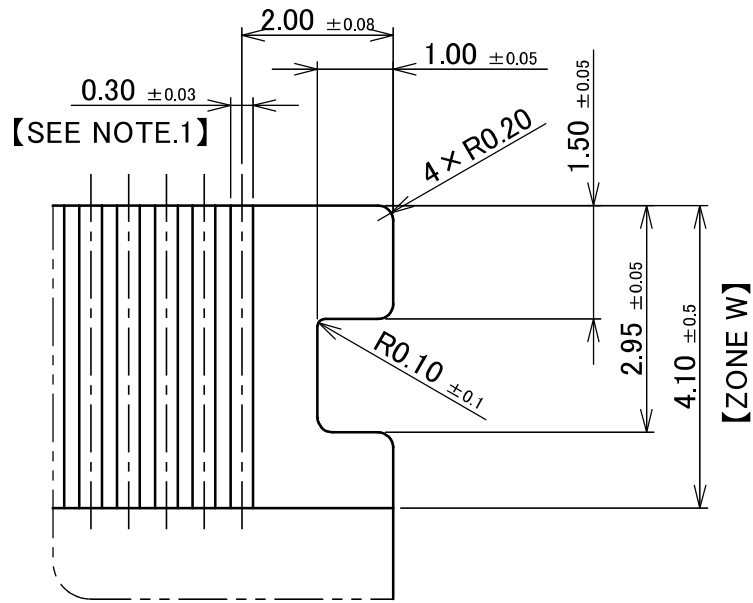
ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC/DC (PER CONTACT PIN)
RATING AMPERAGE (FOR CONTACT)	0.50A AC/DC (PER CONTACT PIN) ※(AVAILABLE UP TO 15PIN) / 0.35A AC/DC(PER CONTACT PIN) ※(AVAILABLE FOR ALL PIN)
OPERATING TEMPERATURE	Using FFC : 233~358K(−40℃~+85℃) Using FPC : 233~398K(−40℃~+125℃)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 70mohm MAX. / AFTER TEST : $\triangle$ 40mohm MAX.
INSULATION RESISTANCE	INITIAL : 500Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC 250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	10P : 6.0N MAX. 15P : 9.0N MAX. 22P : 13.2N MAX. 30P : 18.0N MAX. 40P : 24.0N MAX. 45P : 27.0N MAX. 50P : 30.0N MAX. 55P : 33.0N MAX. 60P : 36.0N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	10P : 0.90N MIN. 15P : 1.35N MIN. 22P : 1.98N MIN. 30P : 2.70N MIN. 40P : 3.60N MIN. 45P : 4.05N MIN. 50P : 4.50N MIN. 55P : 4.95N MIN. 60P : 5.40N MIN.
COPLANARITY	0.10mm MAX.
PRODUCT SPECIFICATION	PRS-1562
TEST REPORT	TR-10048
PACKING STANDARD	300-861
INSTRUCTION MANUAL	HIM-10008
APPEARANCE CRITERIA No.	QLS-A***

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 EVAFLEX® 5-SE		SCALE	I-PEX	
DWG.	DATE					—		
CHK.						UNIT		
APP.						mm		
				DWG. No.		SIZE	SHEET	REV.
				20526		A3	2/6	16

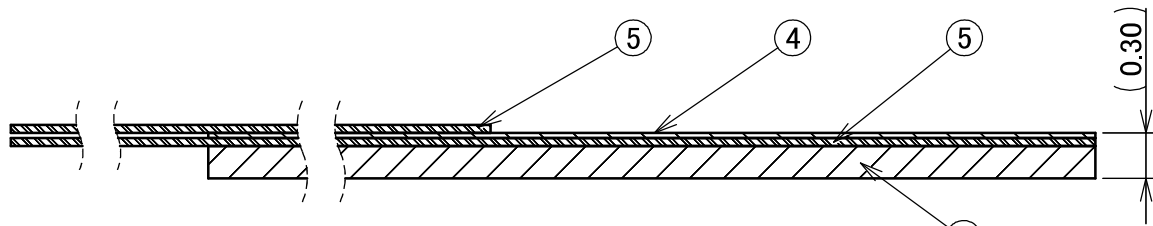
PART NO.	Pos.	C	F
20526-010E-01	10	4.50	8.50
20526-015E-01	15	7.00	11.00
20526-022E-01	22	10.50	14.50
20526-030E-01	30	14.50	18.50
20526-040E-01	40	19.50	23.50
20526-045E-01	45	22.00	26.00
20526-050E-01	50	24.50	28.50
20526-060E-01	60	29.50	33.50



RECOMMENDED FFC/FPC LAYOUT



DETAIL Y
(S = 10 : 1)



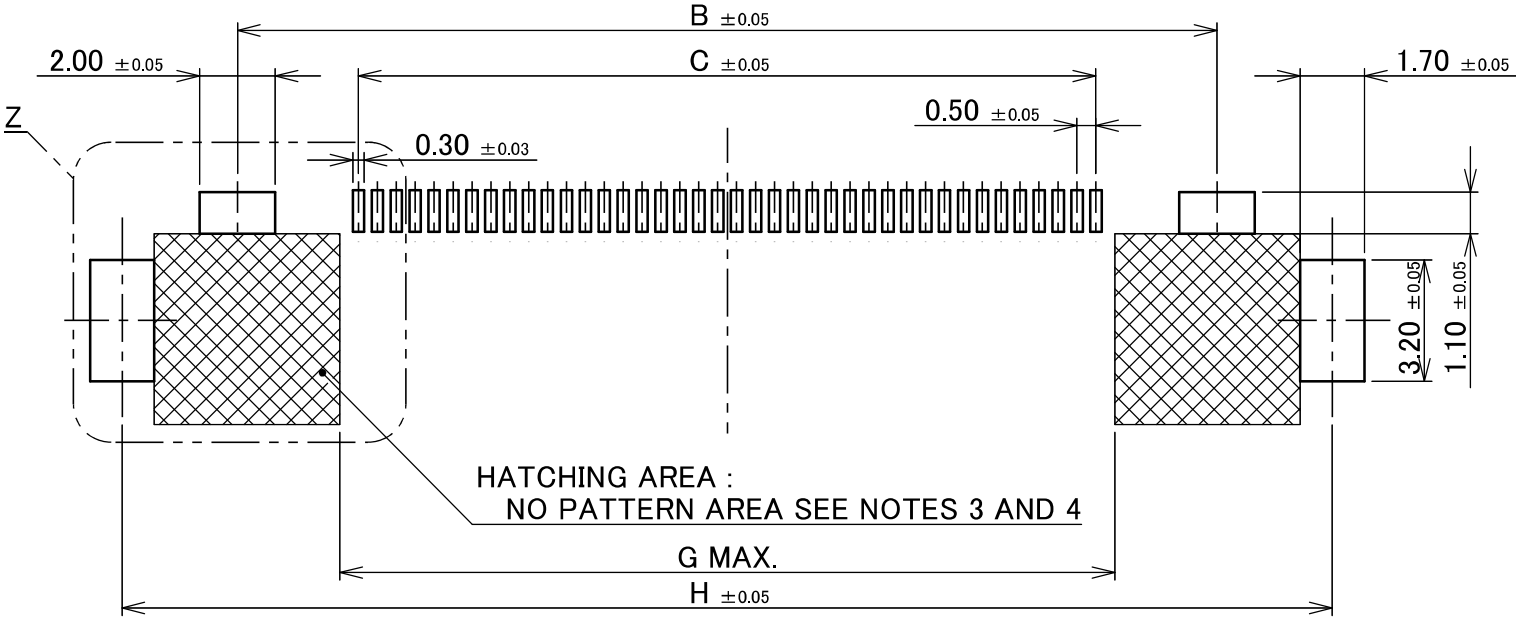
SECT. S-S
(S=20 : 1)

- NOTES.
- CONTROL DIMENSION OF 【ZONE W】 WITH IN 0.30 ± 0.03
 - SELECT A MATERIAL WITH A SOFTENING TEMPERATURE OF 85°C OR HIGHER FOR THE PATTERN ADHESIVE PART OF FFC.

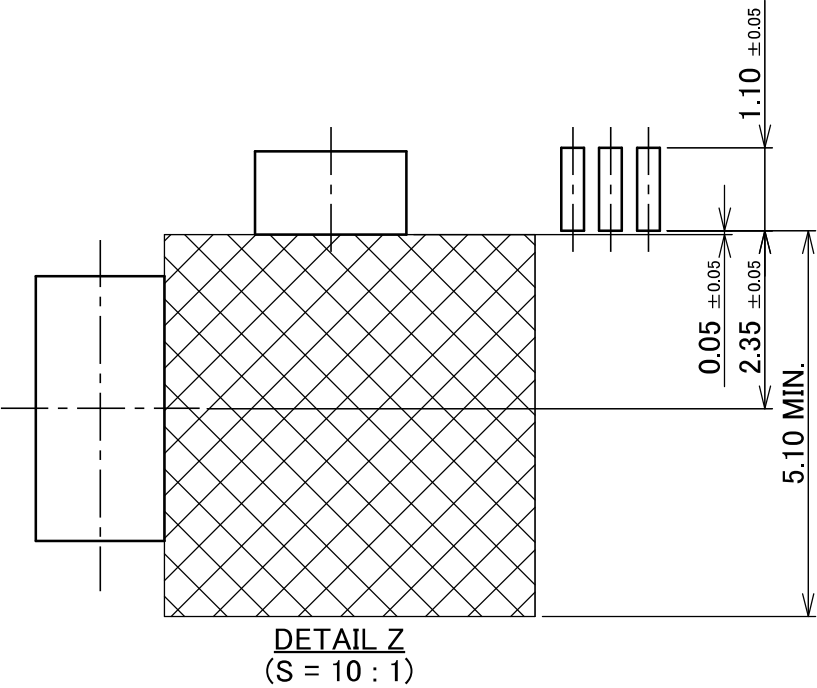
6	REINFORCED TAPE	ARBITRARY	
5	INSULATION FILM	ARBITRARY	
4	CONDUCTOR	COPPER ALLOY	CONTACT AREA: Au $0.05 \mu\text{m}$ MIN. OVER Ni $0.5 \mu\text{m}$ MIN.
NO.	DISCRIPTION	MATERIAL	FINISH

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 EVAFLEX® 5-SE		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
						mm		
APP.				DWG. No. 20526		SIZE	SHEET	REV.
						A3	3/6	16

Recommended P/N		20526-0**E-01			
PART NO.	Pos.	B	C	G	H
20526-010E-01	10	10.90	4.50	5.50	17.00
20526-015E-01	15	13.40	7.00	8.00	19.50
20526-022E-01	22	16.90	10.50	11.50	23.00
20526-030E-01	30	20.90	14.50	15.50	27.00
20526-040E-01	40	25.90	19.50	20.50	32.00
20526-045E-01	45	28.40	22.00	23.00	34.50
20526-050E-01	50	30.90	24.50	25.50	37.00
20526-060E-01	60	35.90	29.50	30.50	42.00

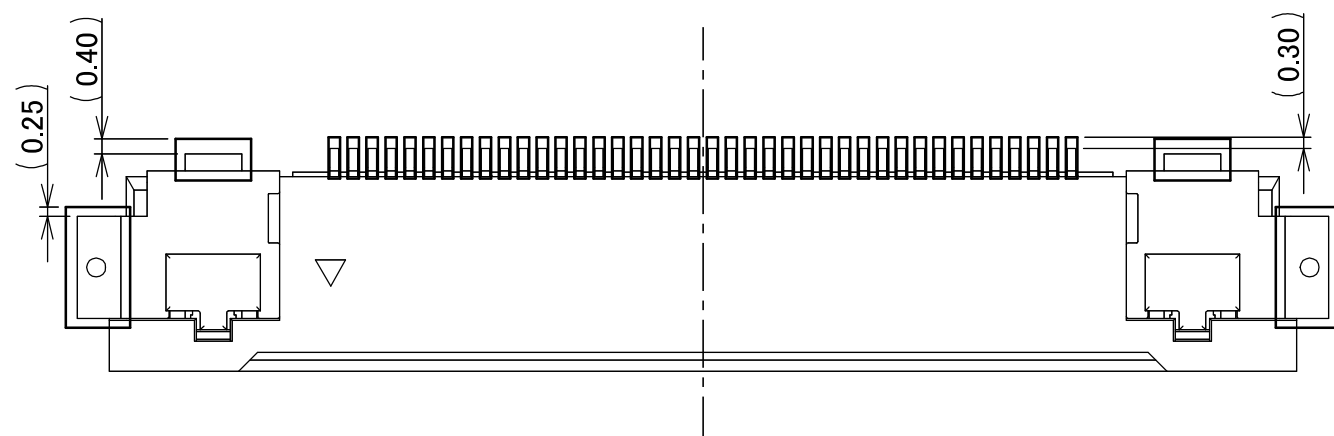


RECOMMENDED PCB & METALMASK LAYOUT
METAL MASK THICKNESS : t=0.12

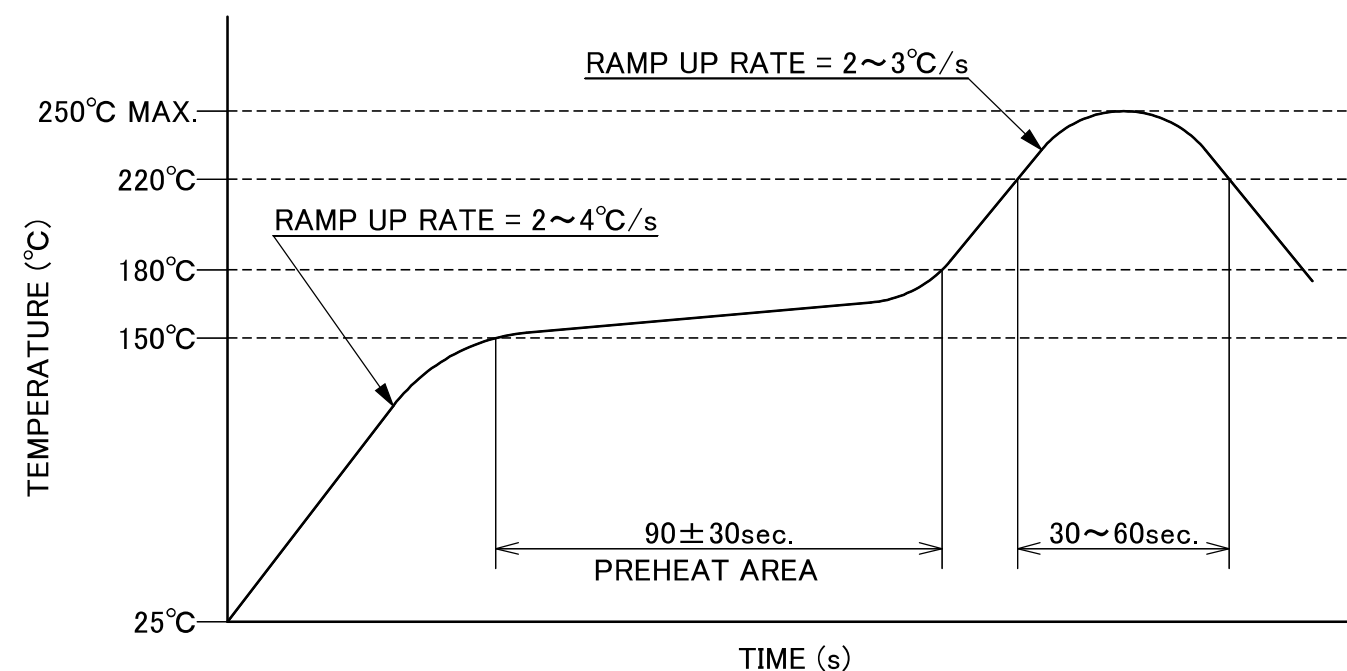


- NOTES.
- 3. DO NOT MOUNT ANOTHER COMPONENTS IN THIS AREA.
 - 4. SOLDER RESIST MUST BE APPLIED TO THIS AREA.

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 EVAFLEX® 5-SE		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20526	SIZE	SHEET	REV.
						A3	4/6	16



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN

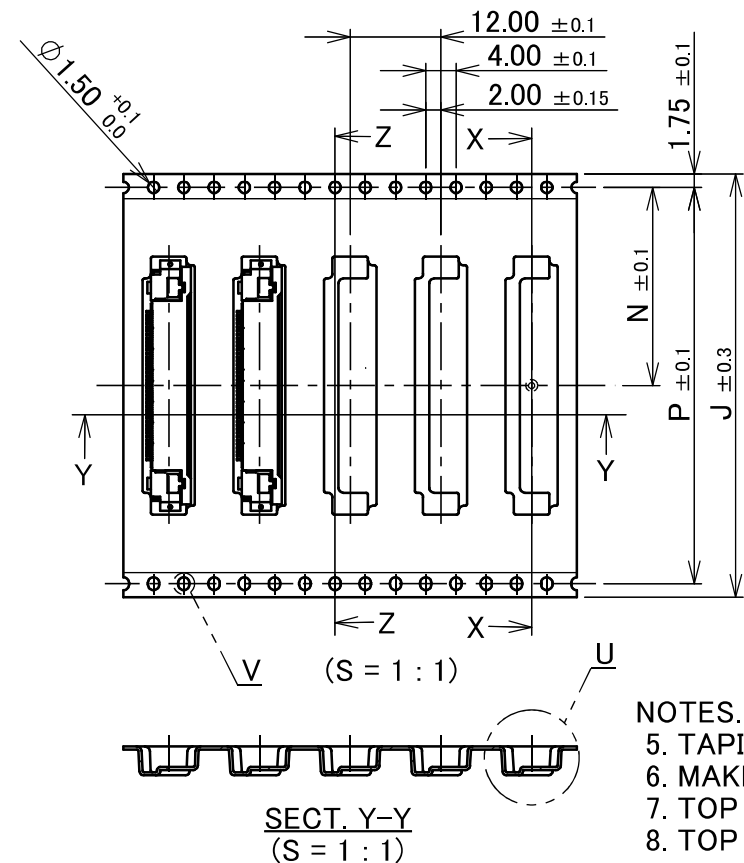
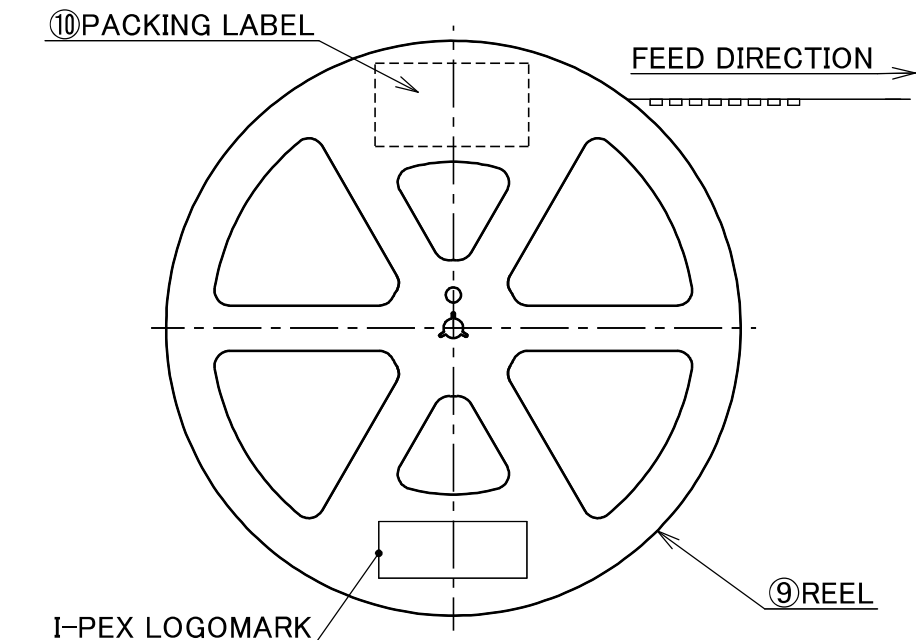


REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

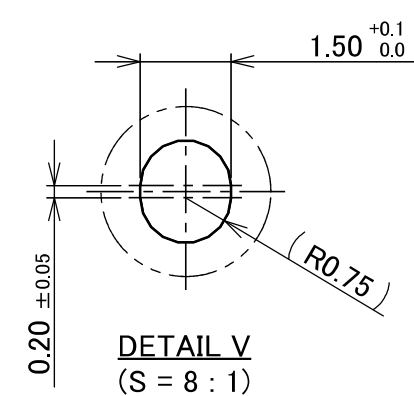
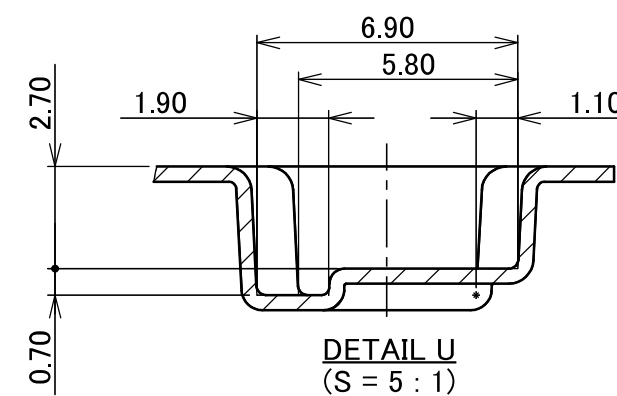
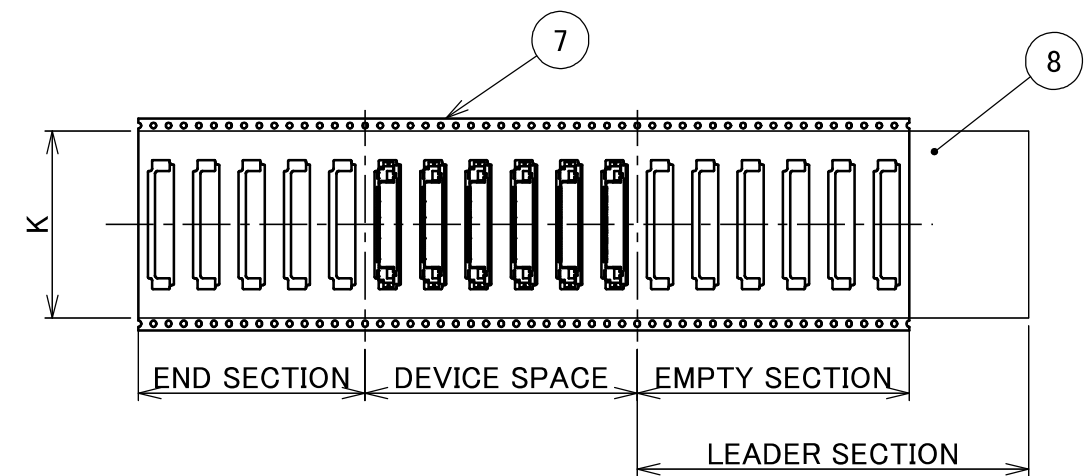
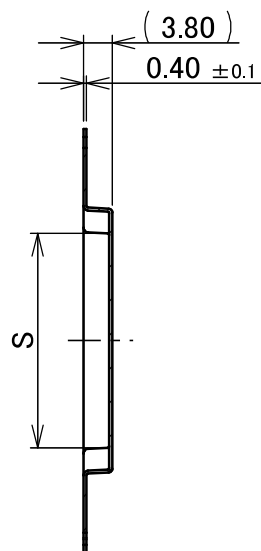
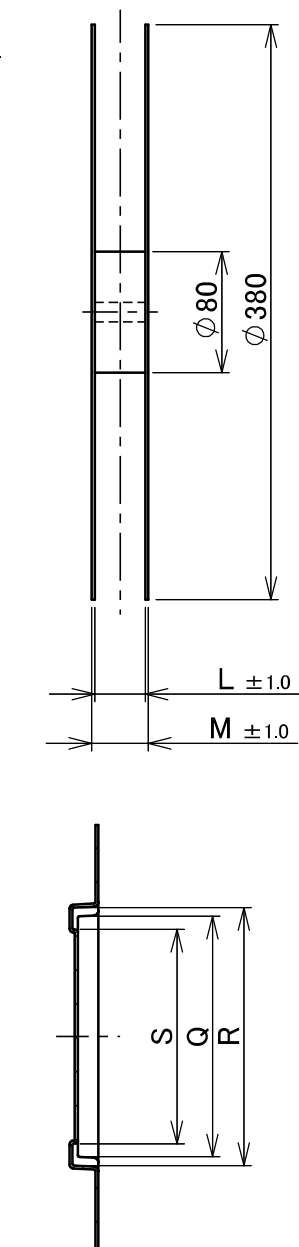
ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R5	CUSTOMER COPY			
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5						
GENERAL TOLERANCE.				 TITLE EVAFLEX® 5-SE	SCALE 5:1				
DWG.	DATE								UNIT mm
CHK.									
APP.									
				DWG. No. 20526	SIZE A3	SHEET 5/6	REV. 16		

PART NO.	J	K	L	M	N	P	Q	R	S	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20526-010E-01	32.00	25.50	33.40	37.40	14.20	28.40	16.80	19.10	13.30	2000 PIECES / REEL	4REELS / CARTON = 8000 PIECES / CARTON
20526-015E-01							19.30	21.60	15.80		
20526-022E-01							22.80	25.10	19.30		
20526-030E-01	44.00	32.30	45.40	49.40	20.20	40.40	26.80	29.10	23.30		3REELS / CARTON = 6000 PIECES / CARTON
20526-040E-01		37.40					31.80	34.10	28.30		
20526-045E-01	56.00	49.40	57.40	61.40	26.20	52.40	34.30	36.60	30.80		
20526-050E-01							36.80	39.10	33.30		
20526-060E-01							41.80	44.10	38.30		

◆ MARK MEANS NOT AVAILABLE



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



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

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE EVAFLEX® 5-SE		SCALE	I-PEX	
DWG.		DATE				1:X		
CHK.						UNIT mm		
APP.				DWG. No. 20526		SIZE A3	SHEET 6/6	REV. 16