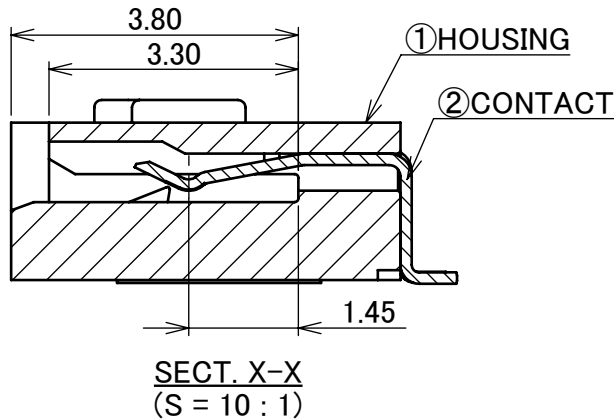
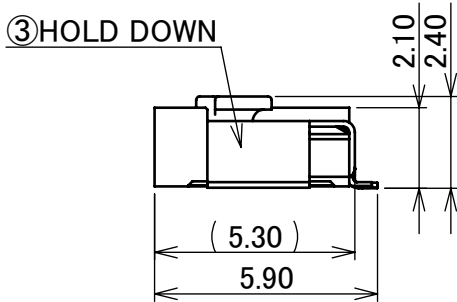
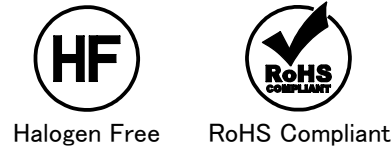
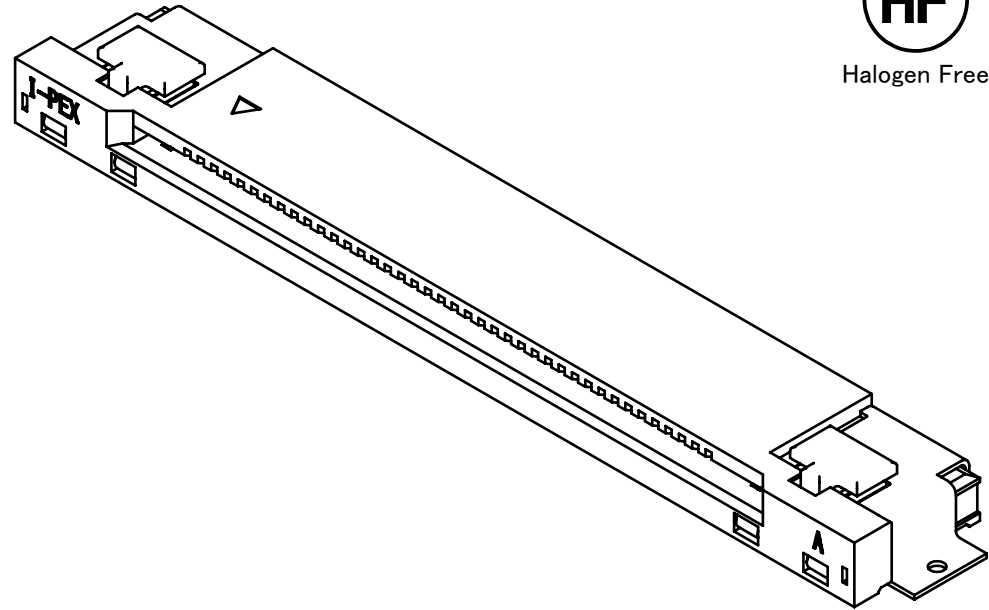
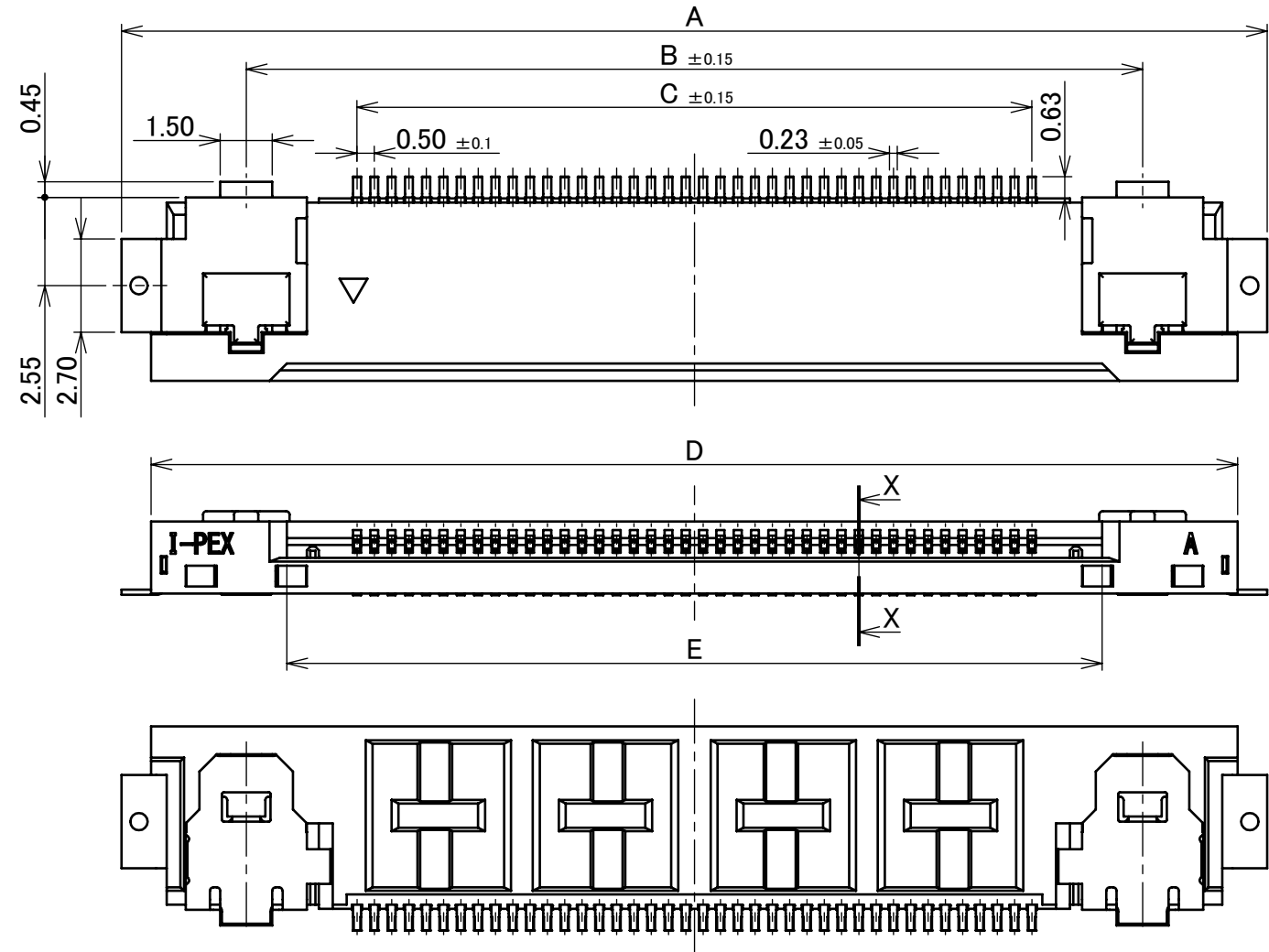
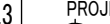


PART NO.	Pos.	A	B	C	D	E
20526-010E-01	10	18.10	10.90	4.50	16.40	8.56
20526-015E-01	15	20.60	13.40	7.00	18.90	11.06
20526-022E-01	22	24.10	16.90	10.50	22.40	14.56
20526-030E-01	30	28.10	20.90	14.50	26.40	18.56
20526-040E-01	40	33.10	25.90	19.50	31.40	23.56
20526-045E-01	45	35.60	28.40	22.00	33.90	26.06
20526-050E-01	50	38.10	30.90	24.50	36.40	28.56
◆20526-055E-01	55	40.60	33.40	27.00	38.90	31.06
20526-060E-01	60	43.10	35.90	29.50	41.40	33.56

◆MARK MEANS NOT AVAILABLE



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

13	Z230321	Y.I	Mar./20/'23	M.T	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY		
12	Z220207	K.H	Feb./28/'22	H.I	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R5			
11	Z211372	K.H	Nov./09/'21	H.I	GENERAL TOLERANCE.				TITLE EVAFLEX® 5-SE	SCALE			
10	Z201249	M.M	Dec./03/'20	Y.S	DWG.	DATE		H.Hara 2011/11/02		5:1			
9	Z200565	H.K	June/08/'20	Y.S	CHK.					UNIT			
8	Z191231	H.K	Sept./19/'19	H.I	Y.Hashimoto					mm			
REV.	ECN	BY	DATE	APP.	APP.				DWG. No.	20526	SIZE	SHEET	REV.
REVISION RECORD					T.Harada				20526		A3	1/6	13

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	13

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
◆ 20526-055E-01	55	27.00	31.00
20526-060E-01	60	29.50	33.50

Technical drawing of a reinforcement bar cross-section and side view.

Cross-section view (left):

- Overall width: $F \pm 0.05$
- Width of the central ribbed section: $C \pm 0.05$
- Width of the single rib: 0.50 ± 0.05
- Feature Y is indicated on the right side of the cross-section.

Side view (right):

- STAMPING DIRECTION is indicated by an arrow pointing right.
- FFC : 0.30 ± 0.05
- FPC : 0.30 ± 0.03
- Minimum length of the ribbed section: 10.00 MIN. [REINFORCEMENT]

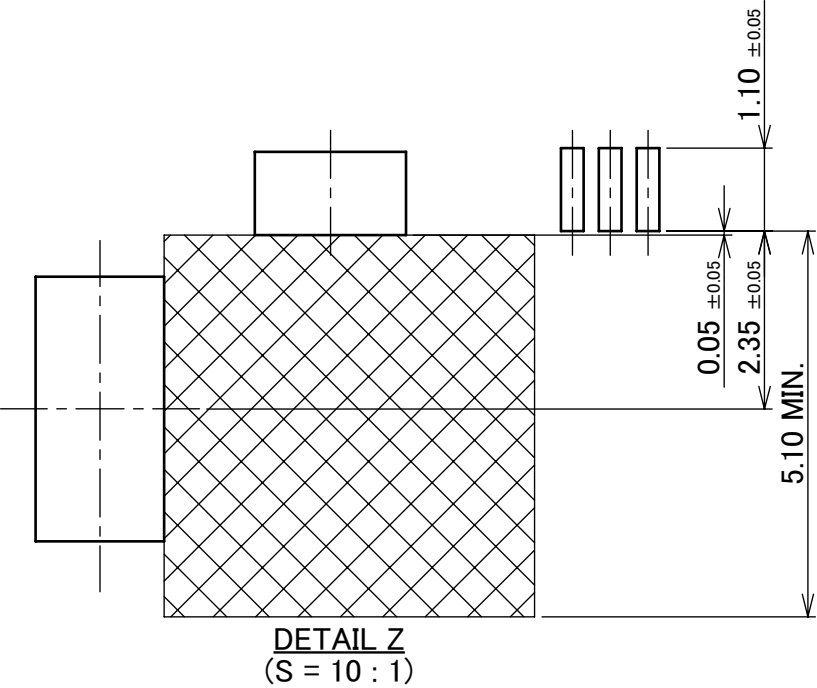
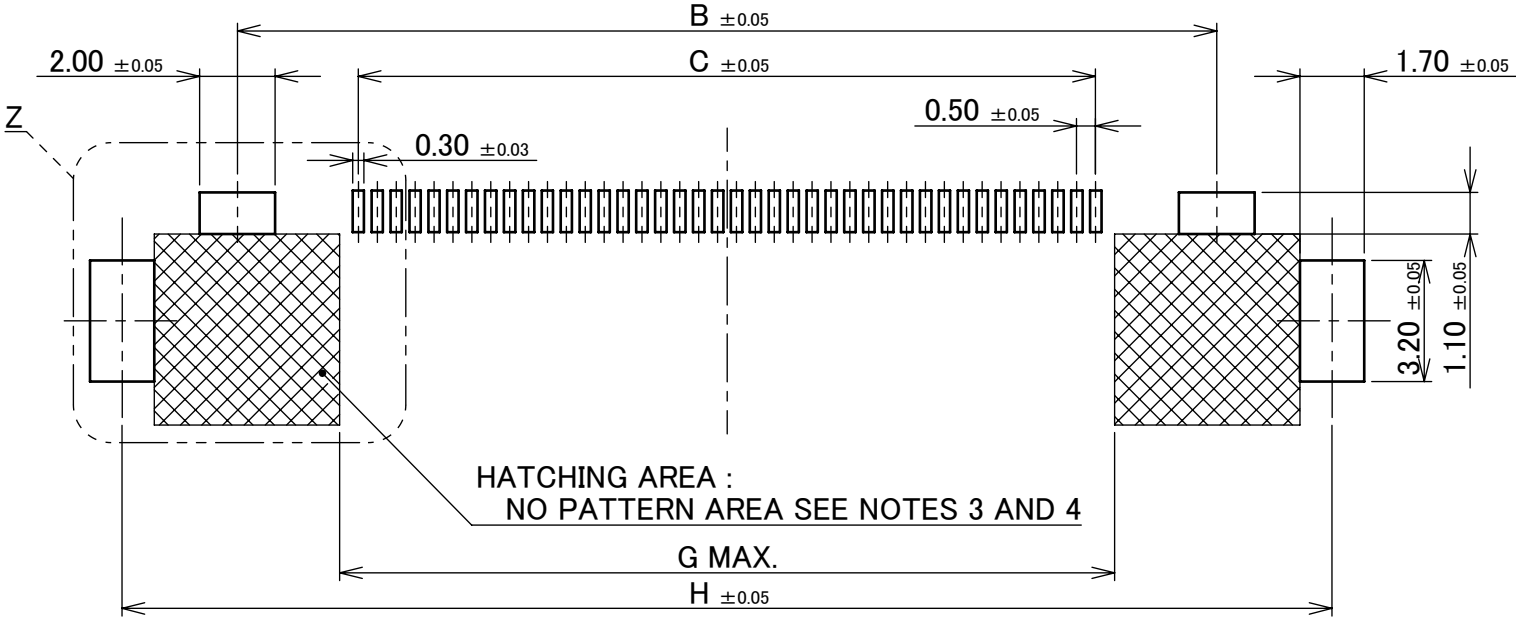
Technical drawing of a mechanical part with dimensions and tolerances. The drawing shows a cross-section of a part with a hatched area on the left. The dimensions and tolerances are as follows:

- Top horizontal dimension: 2.00 ± 0.08
- Horizontal dimension below the top: 1.00 ± 0.05
- Horizontal dimension on the left: 0.30 ± 0.03
- Vertical dimension on the right: 1.50 ± 0.05
- Vertical dimension on the right: 2.95 ± 0.05
- Overall vertical dimension on the right: 4.10 ± 0.5
- Radius dimension: $4 \times R0.20$
- Radius dimension: $R0.10 \pm 0.1$
- Text: **【SEE NOTE.1】**
- Text: **【ZONE W】**

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY			
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R5				
GENERAL TOLERANCE.					TITLE EVAFLEX® 5-SE		SCALE		
DWG.	DATE						5:1		
CHK.							UNIT		
APP.							mm		
				DWG. No.	20526		SIZE	SHEET	REV.
					A3		3/6	13	

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
◆20526-055E-01	55	33.40	27.00	28.00	39.50
20526-060E-01	60	35.90	29.50	30.50	42.00

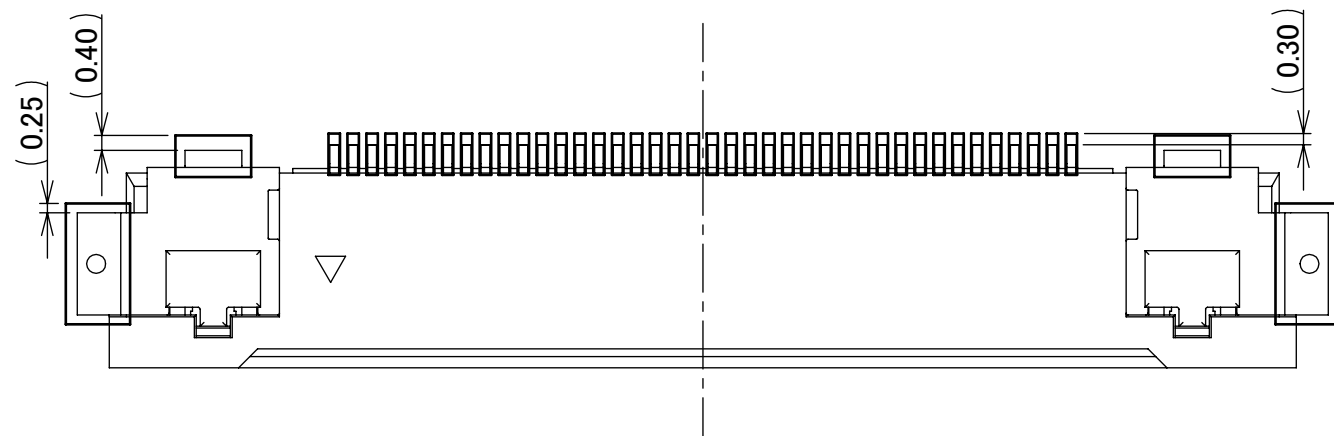
◆MARK MEANS NOT AVAILABLE



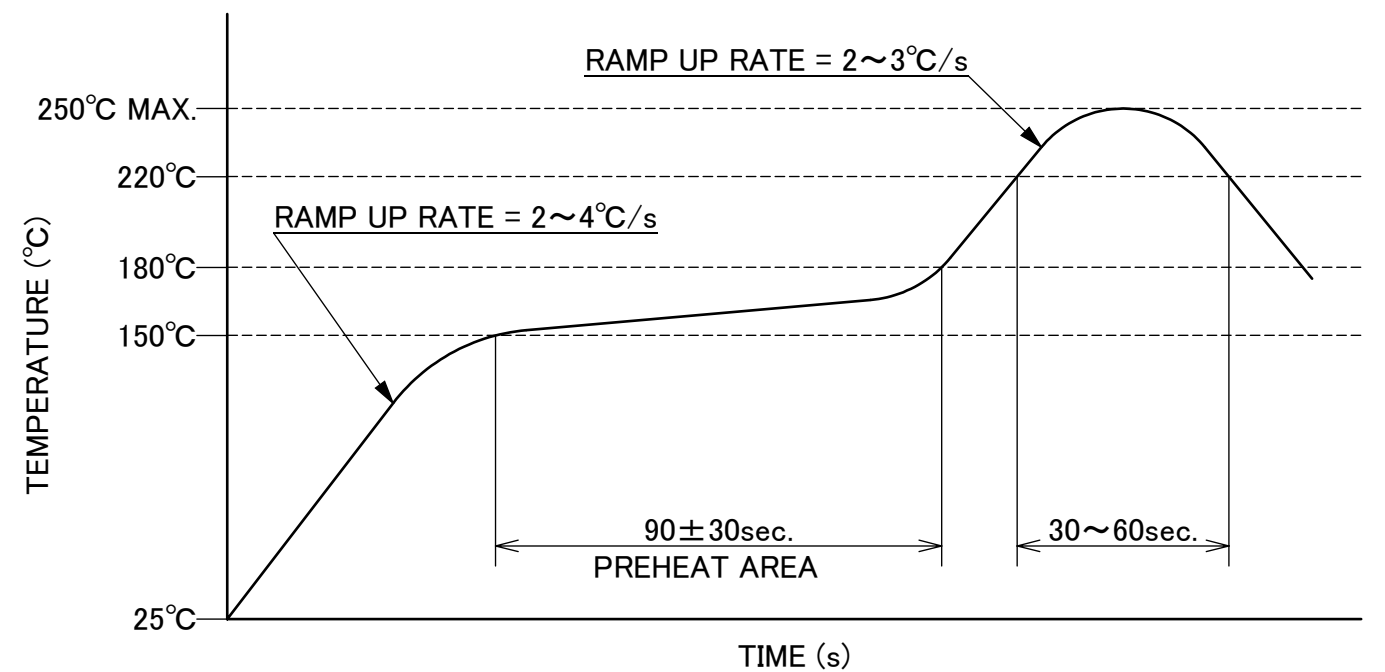
RECOMMENDED PCB & METALMASK LAYOUT
METAL MASK THICKNESS : t=0.12

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

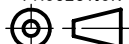
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE EVAFLEX® 5-SE		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20526	SIZE	SHEET	REV.
						A3	4/6	13



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	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 A3	SHEET 5/6	REV. 13

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	44.00	32.30	45.40	49.40	20.20	40.40	22.80	25.10	19.30		3REELS / CARTON = 6000 PIECES / CARTON
20526-030E-01		37.40					26.80	29.10	23.30		
20526-040E-01	56.00	49.40	57.40	61.40	26.20	52.40	31.80	34.10	28.30		
20526-045E-01							34.30	36.60	30.80		
20526-050E-01							36.80	39.10	33.30		
◆20526-055E-01							39.30	41.60	35.80		
20526-060E-01							41.80	44.10	38.30		

◆MARK MEANS NOT AVAILABLE

