

Recommended P/N 20526-0**E-01

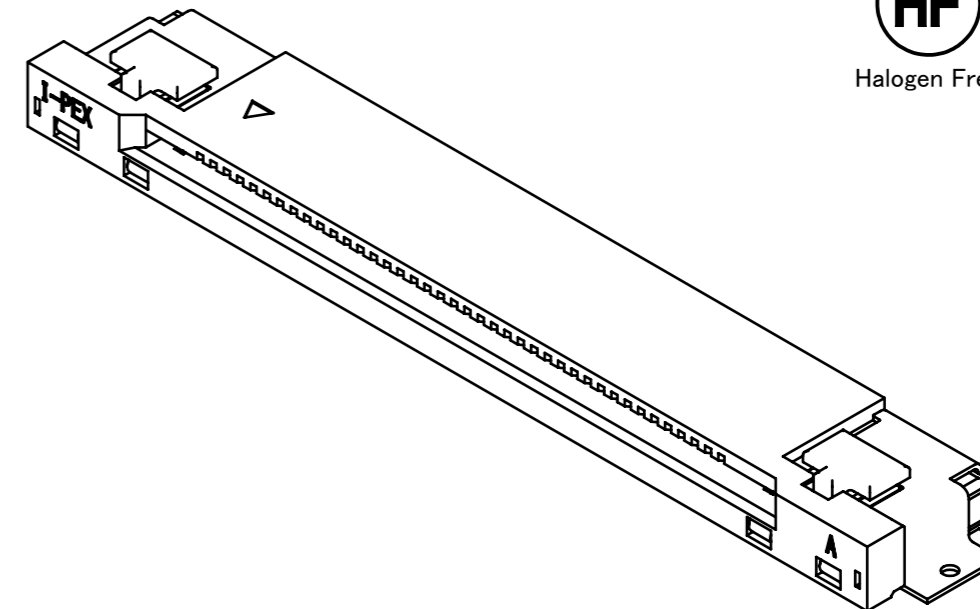
PART NO.	Pos.	A	B	C	D	E
20526-010E-01	10	18.10	10.90	4.50	16.40	8.56
20526-015E-01	15	20.60	13.40	7.00	18.90	11.06
20526-022E-01	22	24.10	16.90	10.50	22.40	14.56
20526-030E-01	30	28.10	20.90	14.50	26.40	18.56
20526-040E-01	40	33.10	25.90	19.50	31.40	23.56
20526-045E-01	45	35.60	28.40	22.00	33.90	26.06
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



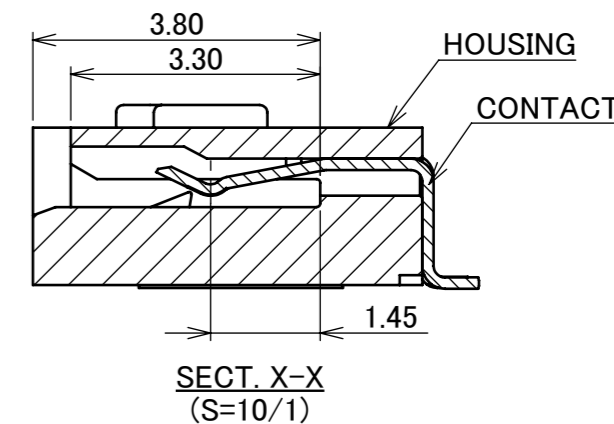
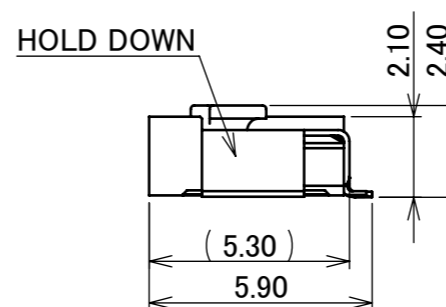
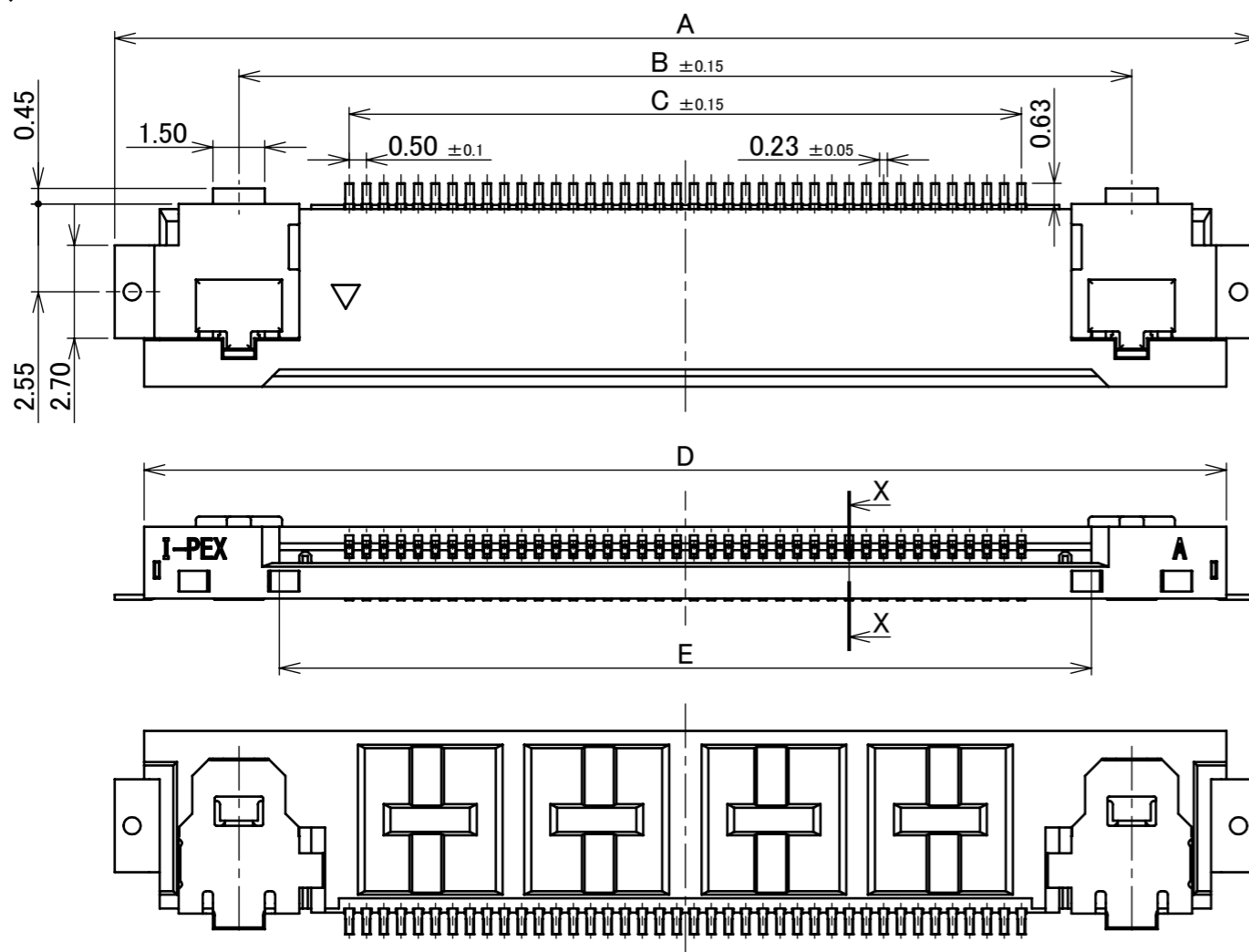
Halogen Free



RoHS Compliant



◆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

12	Z220207	K.H	Feb./28/'22	H.I	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION SERIES No. R5	CUSTOMER COPY		
11	Z211372	K.H	Nov./09/'21	H.I	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5				
10	Z201249	M.M	Dec./03/'20	Y.S	GENERAL TOLERANCE.				TITLE EVAFLEX® 5-SE	SCALE		
9	Z200565	H.K	June/08/'20	Y.S	DWG.	DATE		2011/11/02		5:1		
8	Z191231	H.K	Sept./19/'19	H.I	H.Hara		Y.Hashimoto			UNIT		
7	Z180592	H.K	May/07/'18	Y.S	Y.Hashimoto			mm				
REV.	ECN	BY	DATE	APP.	APP.	T.Harada		DWG. No.	20526	SIZE	SHEET	REV.
REVISION RECORD								20526	A3	1/6	12	

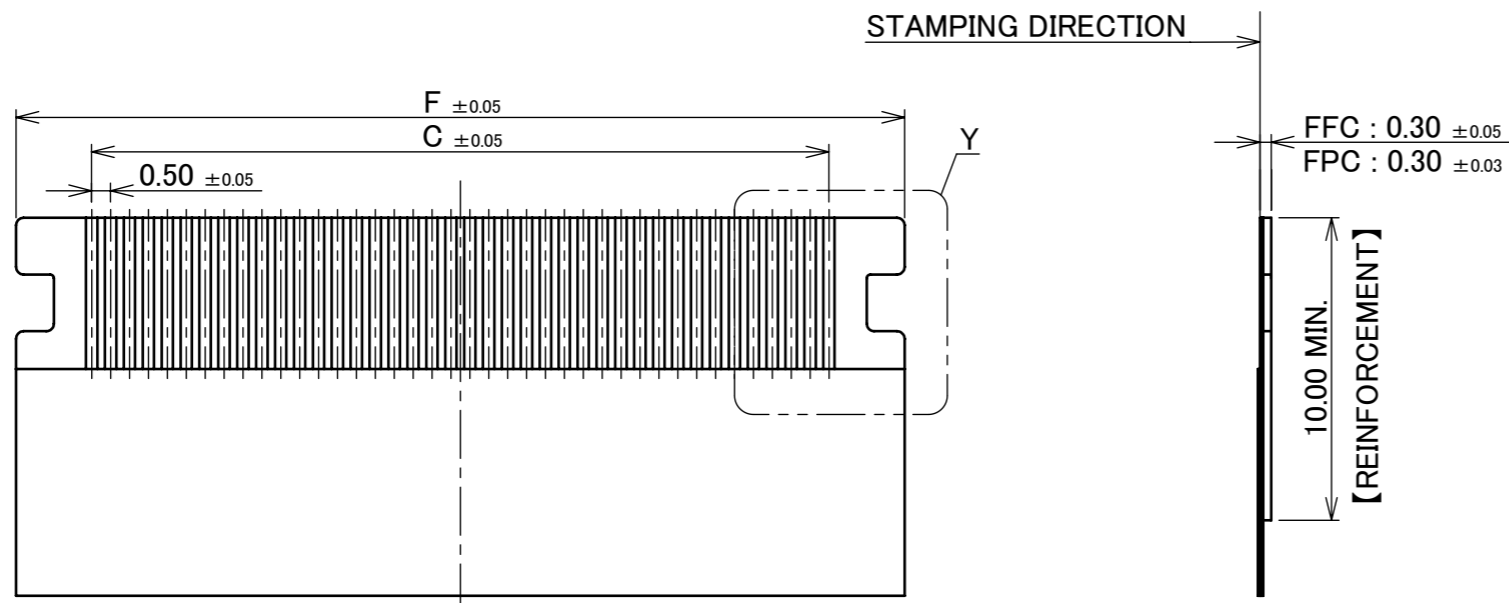
ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC/DC (PER CONTACT)
RATING AMPERAGE (FOR CONTACT)	0.50A AC/DC (PER CONTACT) ※(AVAILABLE UP TO 15PIN) / 0.35A AC/DC(PER CONTACT) ※(AVAILABLE FOR ALL PIN)
OPERATING TEMPERATURE	Using FFC : 233~358K(-40°C~+85°C) Using FPC : 233~398K(-40°C~+125°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 70mohm MAX. / AFTER TEST : \triangleleft 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	$\pm 2^\circ$	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 5:1	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20526	SIZE A3	SHEET 2/6	REV. 12

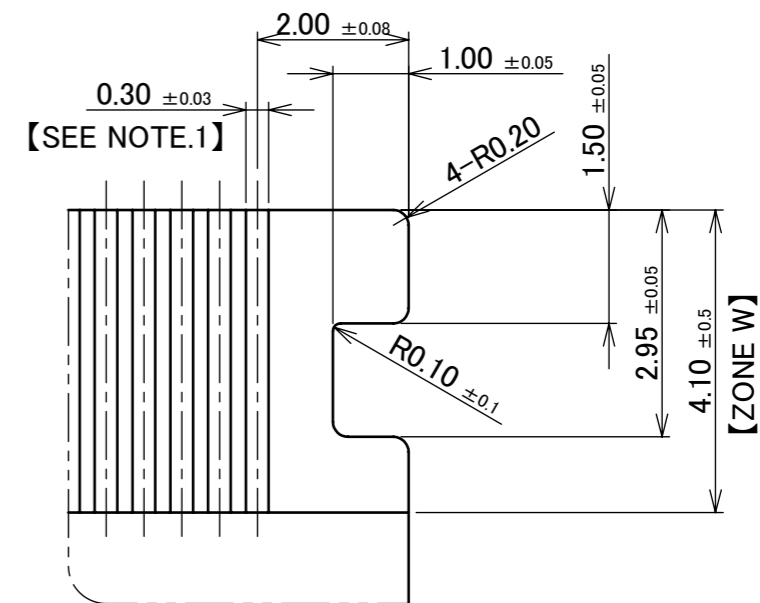
Recommended P/N 20526-0**E-01

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

◆MARK MEANS NOT AVAILABLE



RECOMMENDED FFC/FPC LAYOUT



DETAIL Y
(S=10/1)

NOTES.

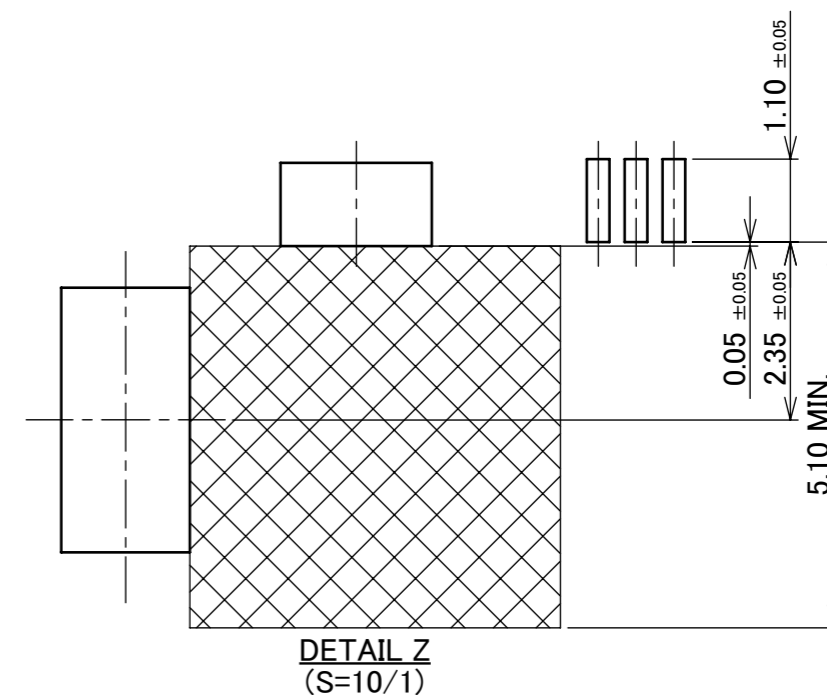
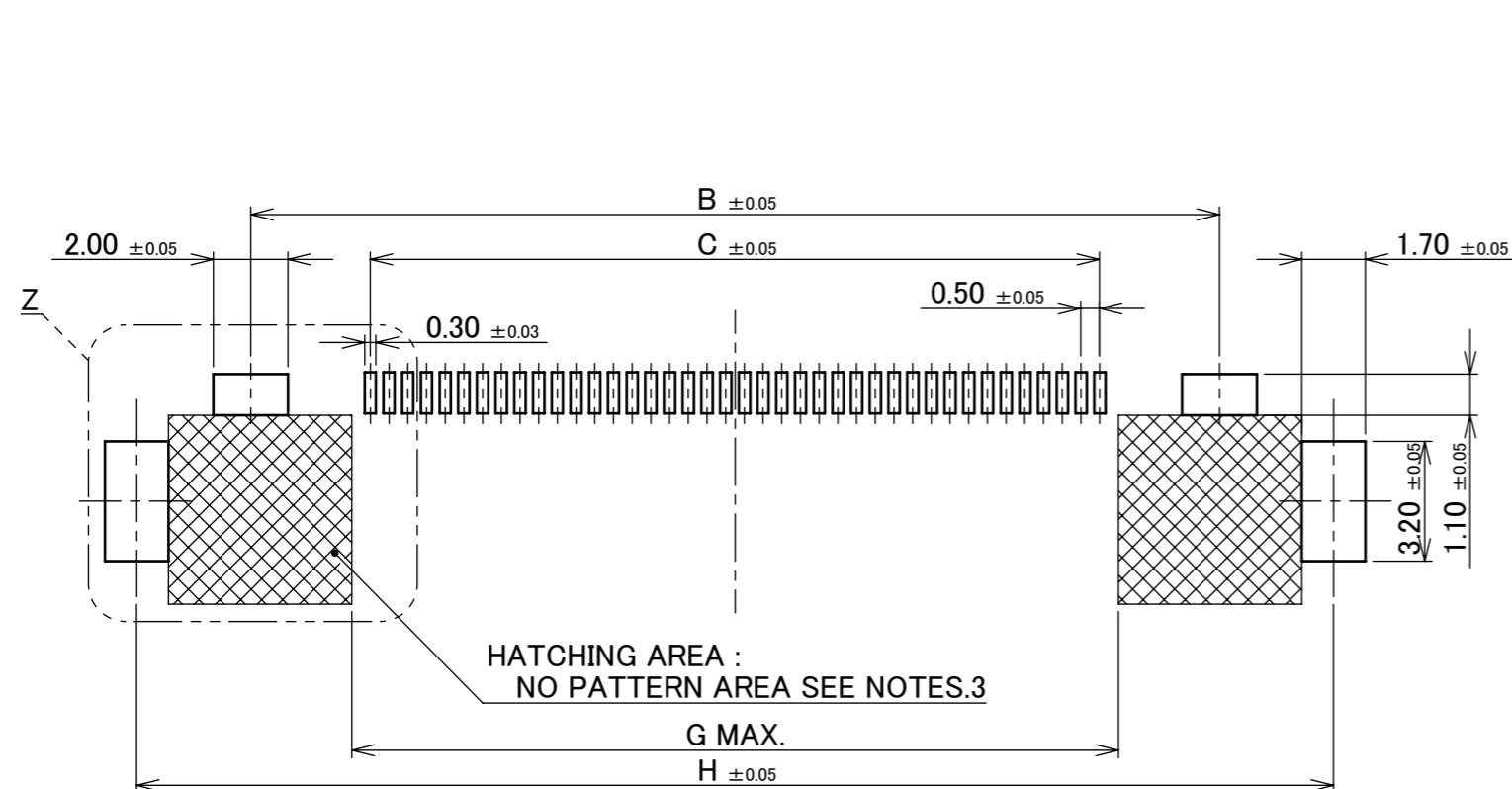
- CONTROL DIMENSION OF 【ZONE W】 WITH IN 0.30 ± 0.03
- SELECT A MATERIAL WITH A SOFTENING TEMPERATURE OF 85°C OR HIGHER FOR THE PATTERN ADHESIVE PART OF FFC.

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION	SERIES No.	CUSTOMER COPY			
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5		R5				
GENERAL TOLERANCE.				TITLE		SCALE	I-PEX		
DWG.	DATE			EVAFLEX® 5-SE		5:1			
CHK.						UNIT			
APP.				DWG. No.		mm			
				20526		SIZE	SHEET	REV.	
						A3	3/6	12	

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

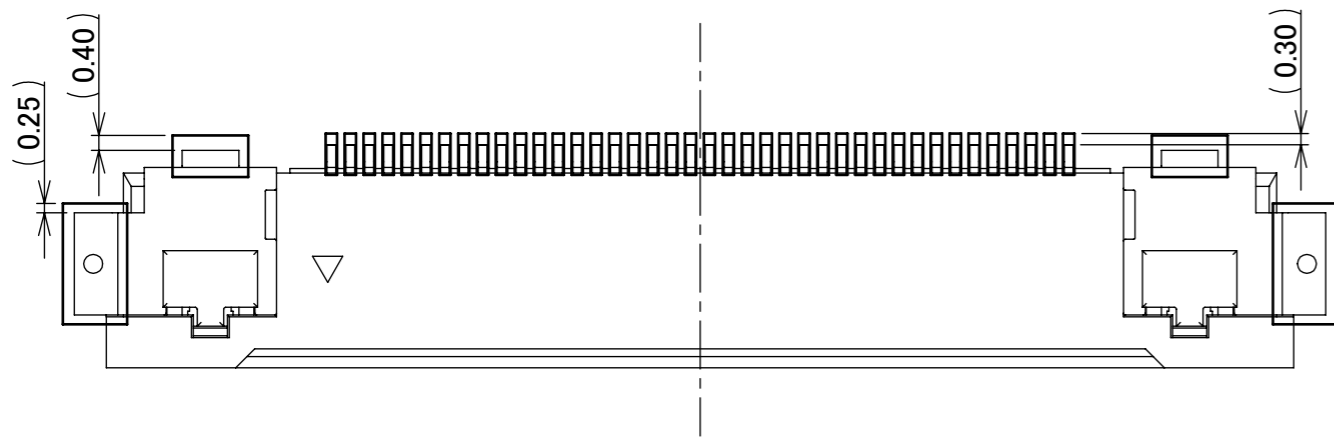
◆MARK MEANS NOT AVAILABLE



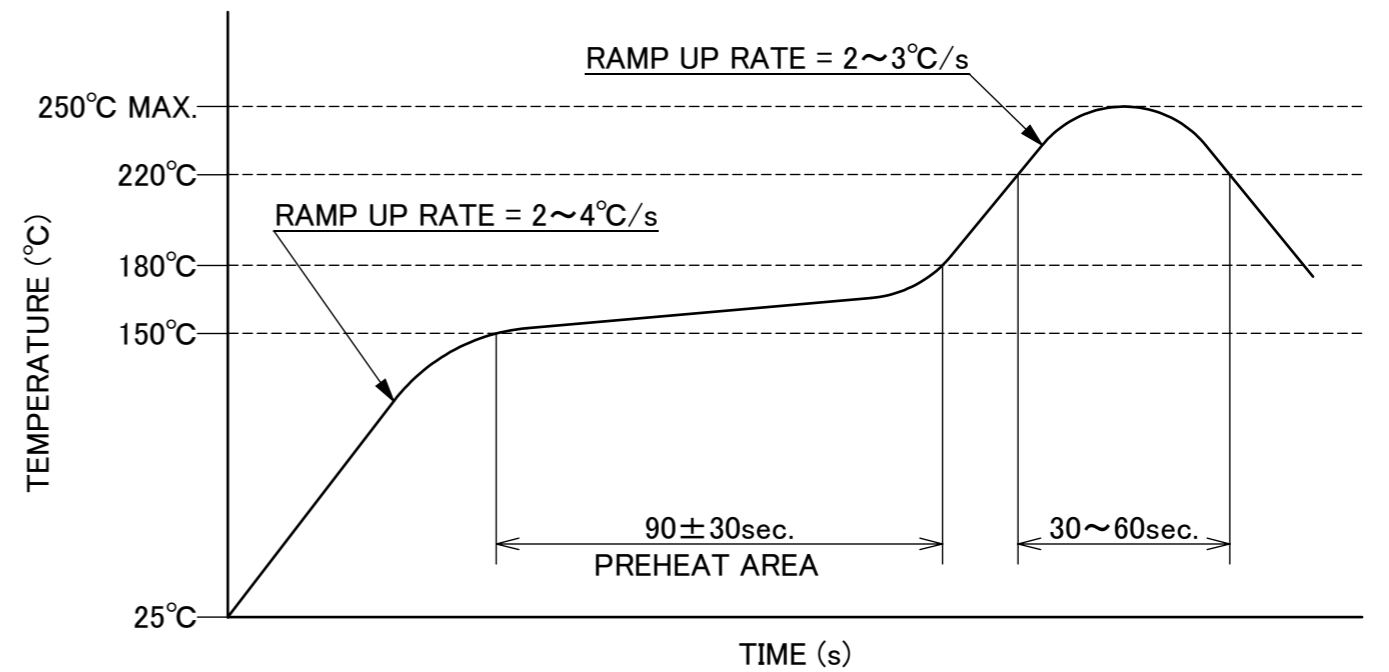
RECOMMENDED PCB & METALMASK LAYOUT
METAL MASK THICKNESS : t=0.12

- NOTES.
 3. HATCHING AREA CANNOT MOUNT ANOTHER COMPONENTS.
 4. SOLDER RESIST SHALL BE COATED IN CASE OF RUNNING TRACES ON THIS FOOTPRINT PATTERN PROHIBITION 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 5:1			
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20526	SIZE A3	SHEET 4/6	REV. 12



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	SCALE 5:1	I-PEX		
DWG.	DATE			EVAFLEX® 5-SE				
CHK.					UNIT			
APP.				DWG. No.	mm	SIZE	SHEET	REV.
				20526	A3	5/6	12	

