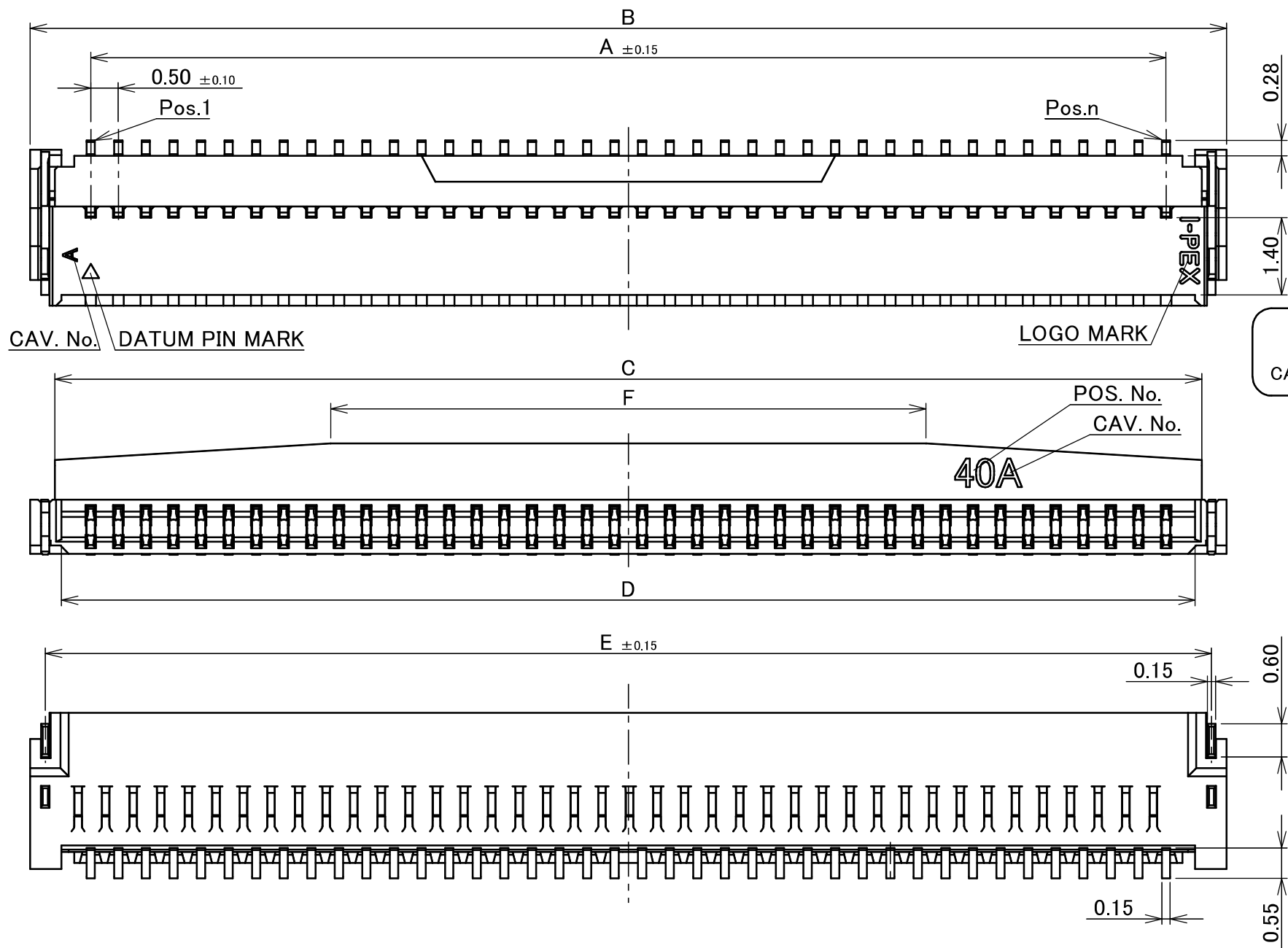
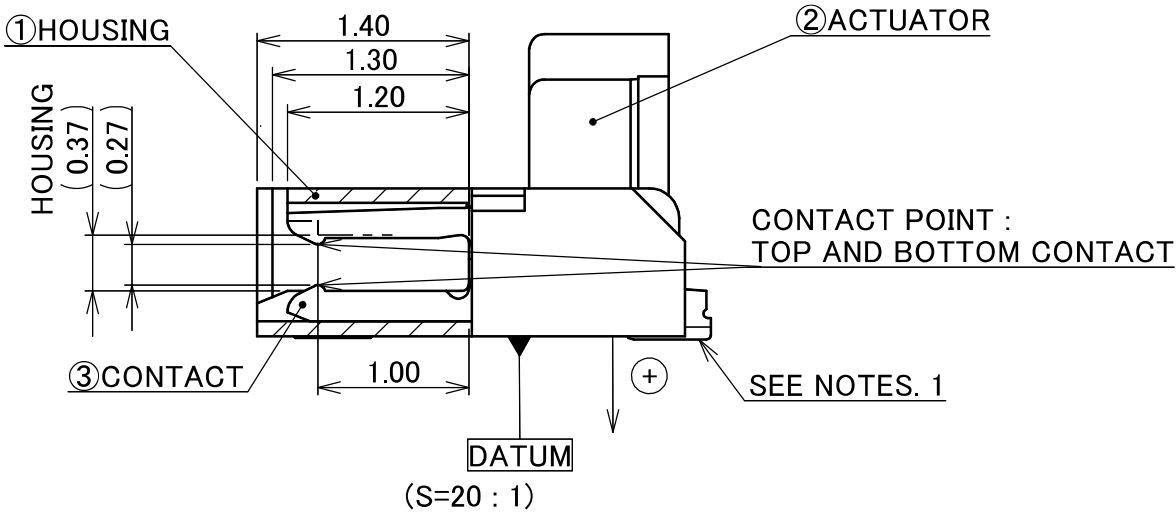
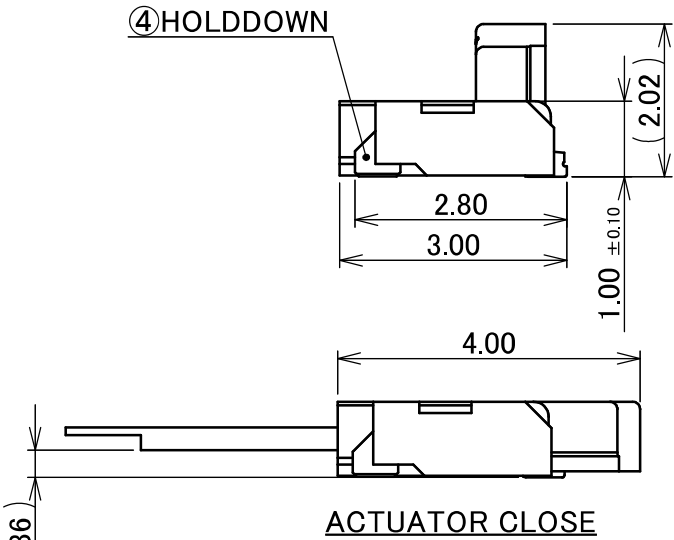




PART No.	POS.	A	B	C	D	E	F
20586-032E-01	32	15.50	17.70	16.80	16.56	17.15	10.80
20586-034E-01	34	16.50	18.70	17.80	17.56	18.15	11.80
20586-040E-01	40	19.50	21.70	20.80	20.56	21.15	10.80
20586-050E-01	50	24.50	26.70	25.80	25.56	26.15	10.80
20586-054E-01	54	26.50	28.70	27.80	27.56	28.15	12.80

CAUTION VISIT OUR WEBSITE FOR LATEST VERSIONS OF INSTRUCTION MANUAL NO. HIM-12019 TO HANDLE THE PRODUCT PROPERLY AND SAFELY.



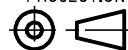
NOTES
1. CONTACT TAIL IS PROJECTION FROM HOUSING IN THE + DIRECTION. (0~0.06)

4	HOLD DOWN	PHOSPHOR BRONZE	Sn 2~6 μ m MIN.OVER Ni 1.00 μ m MIN.
3	CONTACT	PHOSPHOR BRONZE	CONTACT AREA : Au 0.1 μ m MIN. OVER Ni 1.0 μ m MIN. SOLDERING AREA : Au 0.03 μ m MIN. OVER Ni 1.0 μ m MIN.
2	ACTUATOR	LCP	UL94V-0, BEIGE
1	HOUSING	LCP	UL94V-0, BEIGE
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

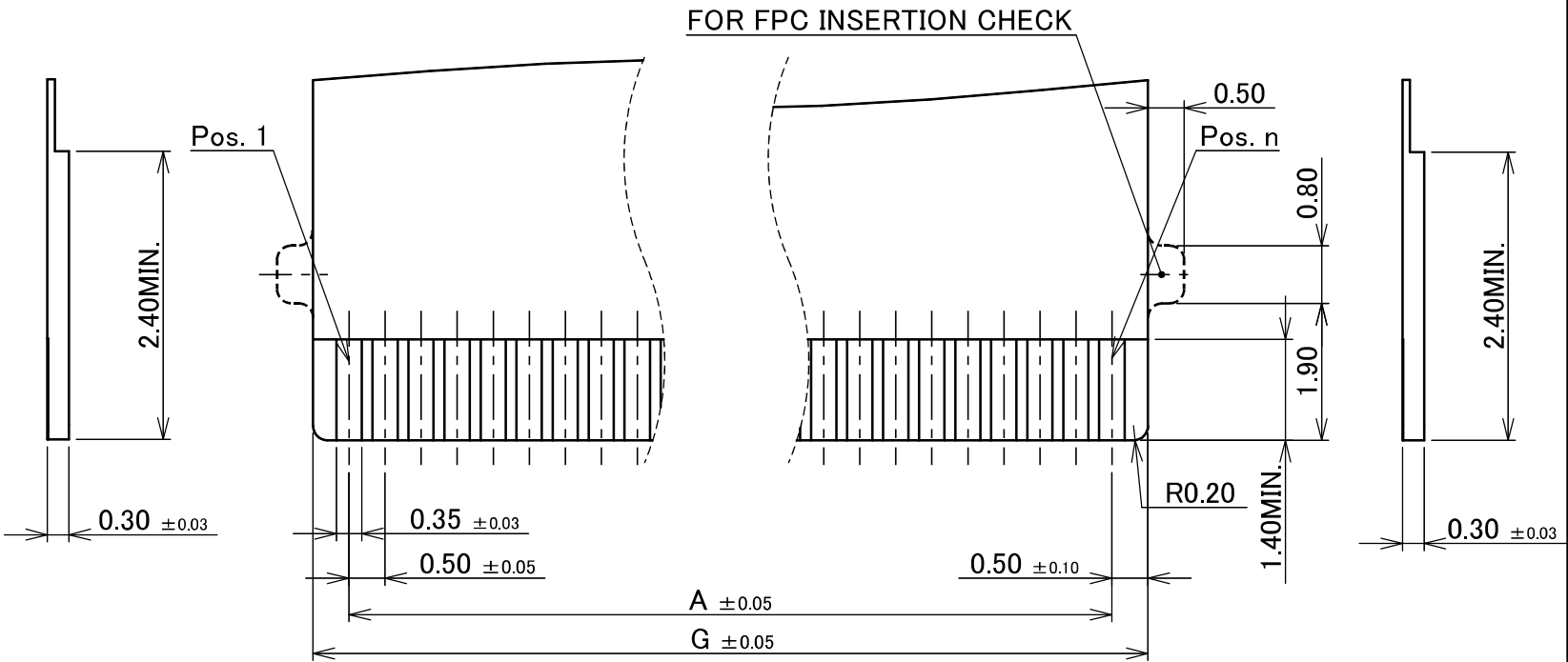
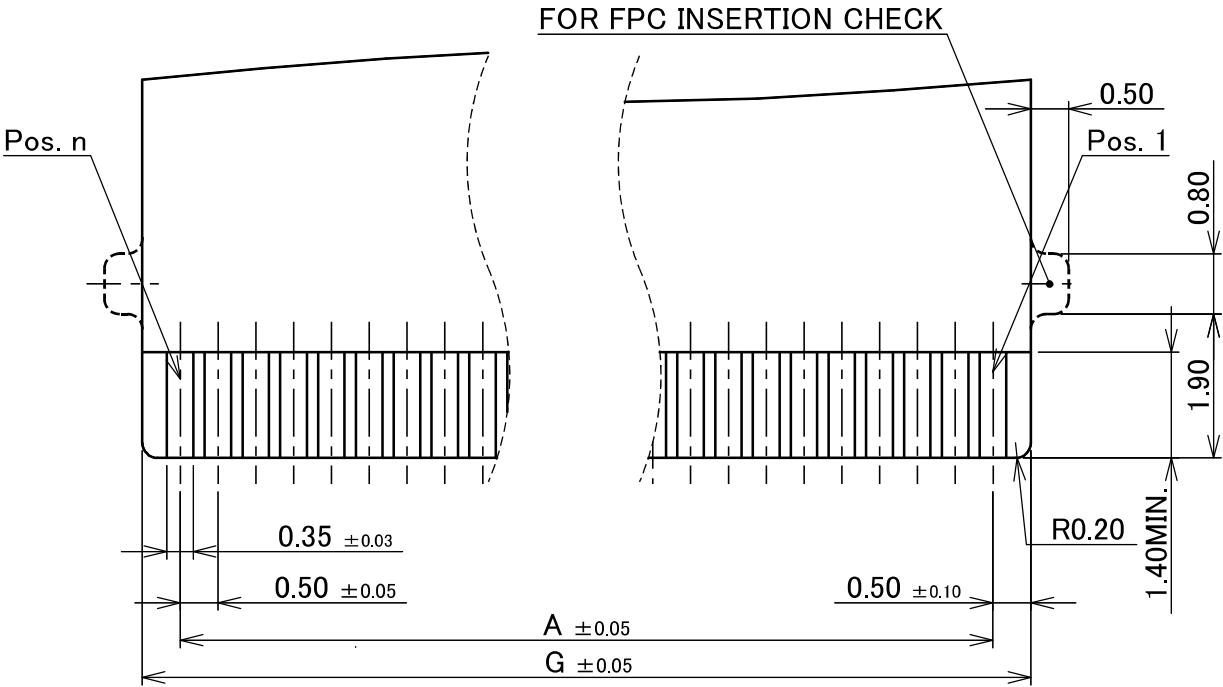
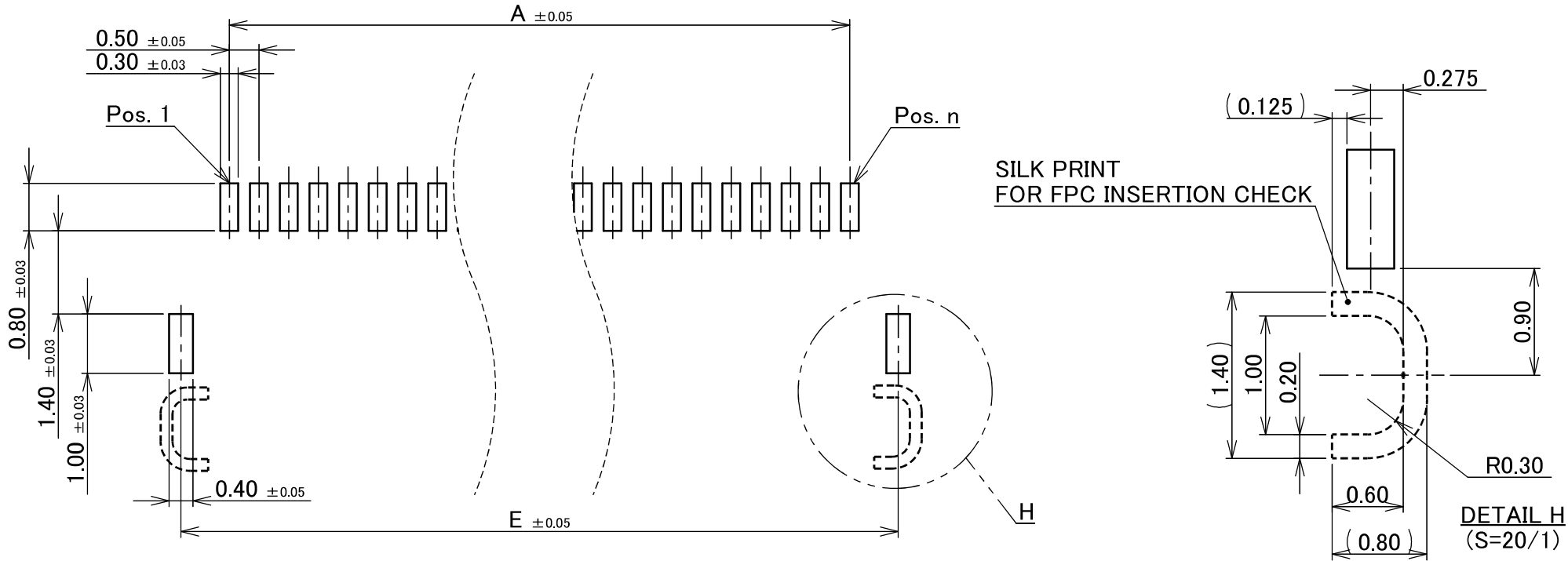
12	ZC01001	D.N	2026/09/30	H.I	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY			
11	ZC00375	Mino	2025/12/23	T.M	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R2				
10	Z241494	S.K	2024/10/24	T.M	GENERAL TOLERANCE.				TITLE MINIFLEX® 5-BFN II L	SCALE	I-PEX			
9	Z240574	S.Sh	2024/05/14	H.I	DWG.	DATE				10:1				
8	Z221295	S.Sh	2022/11/21	H.I	H.Aoki					UNIT				
7	Z191264	R.F	2019/09/30	H.I	CHK.	2014/01/10				mm				
REV.	ECN	BY	DATE	APP.	J.Tateishi					SIZE				SHEET
REVISION RECORD					APP.	E.Kawabe				DWG. No.	20586	A3	1/6	12

ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC (PER CONTACT PIN)
RATING AMPERAGE	0.5A DC (PER CONTACT PIN) 7.0A DC (PER CONNECTOR)
OPERATING TEMPERATURE	233~398K(-40℃~125℃)
OPERATING HUMIDITY	80% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 40mohm MAX. / AFTER TEST : $\triangle$ 20mohm MAX.
INSULATION RESISTANCE	100Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC200V 1min
DURABILITY	20TH CYCLES
ACTUATOR LOCKING FORCE (INITIAL / 20TH CYCLES)	INITIAL / 20TH CYCLES : 0.43N(44gf) × n MAX.
ACTUATOR UNLOCKING FORCE (INITIAL / 20TH CYCLES)	INITIAL / 20TH CYCLES : 0.025N(2.5gf) × n MIN.
FPC RETENTION FORCE (INITIAL / AFTER TEST)	INITIAL / AFTER TEST : 0.15N(15gf) × n MIN.
COPLANARITY	0.08 MAX.
PRODUCT SPECIFICATION	PRS-2056
TEST REPORT	20586-0**E-01 : TR-15070 20586-0**E-03 : TR-26028
PACKING STANDARD	PST-13064
INSTRUCTION MANUAL	HIM-12019
APPEARANCE CRITERIA No.	QLS-A***

※ "n" IS THE NUMBER OF PIN

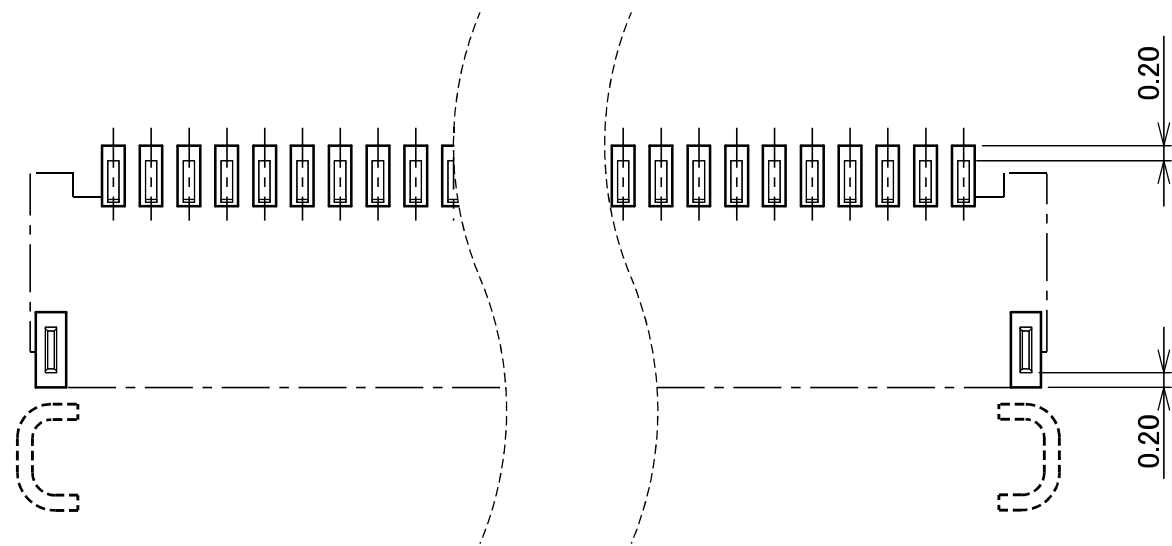
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6 MAX.	±0.2	30 OVER 120 MAX.	±0.5							
GENERAL TOLERANCE.				TITLE MINIFLEX® 5-BFN II L		SCALE				
DWG.	DATE					UNIT				
CHK.						mm				
APP.						SIZE	SHEET	REV.		
				DWG. No. 20586		A3	3/6	12		

PART No.	POS.	A	E	G
20586-032E-01	32	15.50	17.15	16.50
20586-034E-01	34	16.50	18.15	17.50
20586-040E-01	40	19.50	21.15	20.50
20586-050E-0*	50	24.50	26.15	25.50
20586-054E-01	54	26.50	28.15	27.50

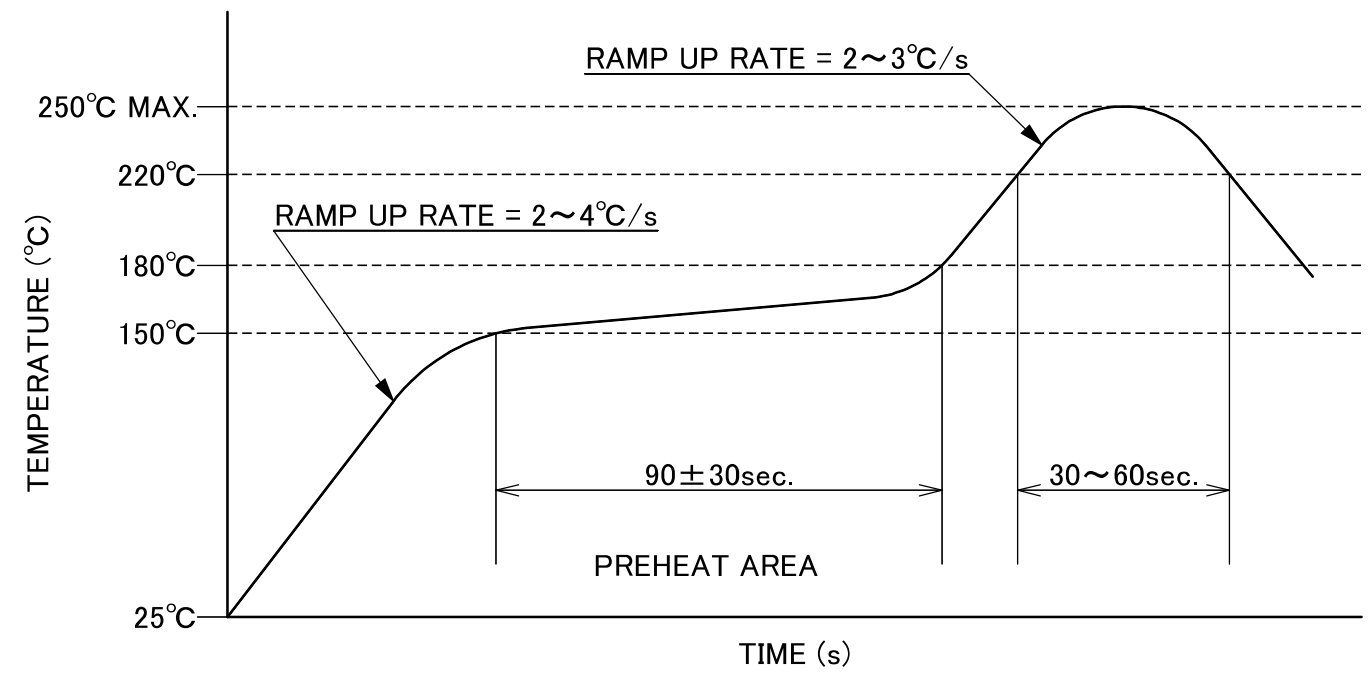


- NOTES
- MATERIAL
 - COVER FILM : PI
 - CONDUCTOR : COPPER(RARE)
 - BASE FILM : PI
 - STIFFENER : PI
 - ADHESIVE : THERMOSETTING ADHESIVE
 - FINISH
 - Au OVER Ni PLATING.

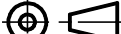
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R2	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MINIFLEX® 5-BFN II L		SCALE	I-PEX	
DWG.	DATE					10:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20586	SIZE	SHEET	REV.
						A3	4/6	12

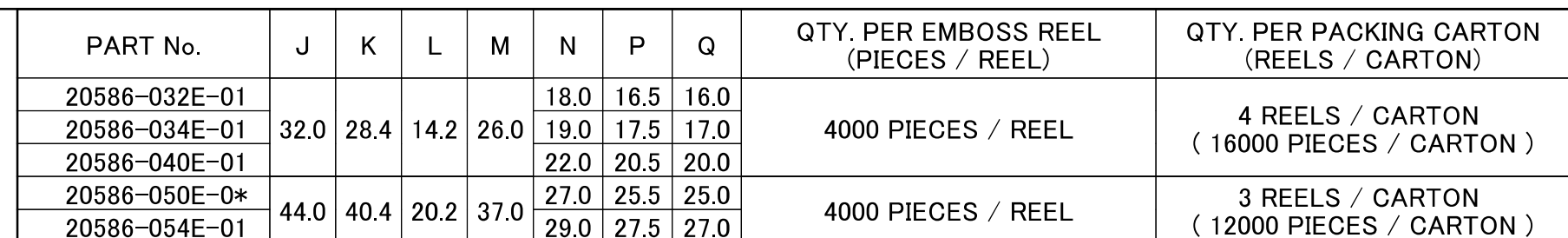


CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



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. R2	CUSTOMER COPY			
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5						
GENERAL TOLERANCE.				TITLE MINIFLEX® 5-BFN II L		SCALE	I-PEX		
DWG.		DATE				10:1			
CHK.						UNIT			
						mm			
APP.				DWG. No.	20586	SIZE	SHEET	REV.	
						A3	5/6	12	



Technical drawing of a 5-axis lathe tool holder, showing dimensions in mm.

Top View:

- Overall width: 8.00 ± 0.10
- Overall height: 1.75 ± 0.10
- Distance from left edge to center of first hole: 4.00 ± 0.10
- Distance between centers of adjacent holes: 2.00 ± 0.10
- Hole diameter: $\phi 1.50$ (tolerance: $+0.10 / 0.00$)
- Distance from right edge to center of last hole: Y
- Distance from center of last hole to right edge: Z
- Distance from center of first hole to center of last hole: $L \pm 0.10$
- Distance from center of first hole to center of last hole (including tool holder): $K \pm 0.10$
- Distance from center of first hole to center of last hole (including tool holder and tool holder): $J \pm 0.30$
- Distance from center of first hole to center of last hole (including tool holder and tool holder): X
- Distance from center of first hole to center of last hole (including tool holder and tool holder): X
- Distance from center of first hole to center of last hole (including tool holder and tool holder): X

Side View (SECT. X-X):

- Overall height: 2.27
- Distance from top edge to center of first hole: 3.80
- Distance from top edge to center of last hole: 3.13
- Distance from top edge to center of last hole: 2.10
- Distance from center of last hole to right edge: 1.50
- Distance from center of first hole to center of last hole: 2.25
- Distance from center of first hole to center of last hole: 0.25

Detail R (S=5/1):

- Overall width: 1.50 (tolerance: $+0.10 / 0.00$)
- Distance from top edge to center of first hole: 0.20 ± 0.05
- Distance from center of first hole to center of last hole: $(R0.75)$

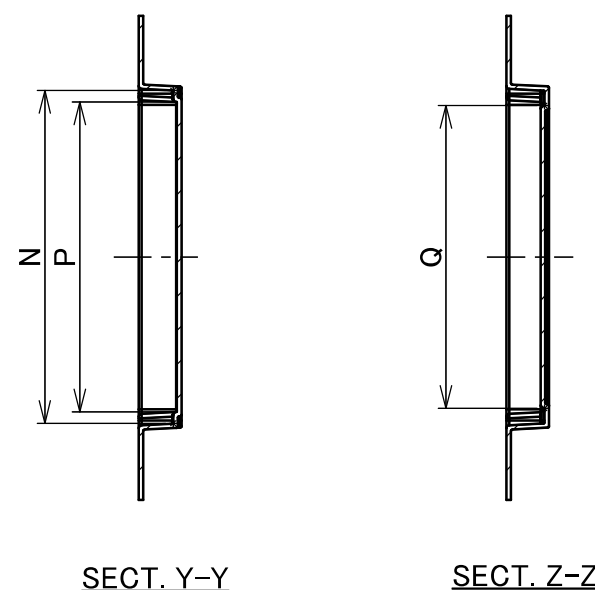
SECT. Y-Y:

- Overall height: N
- Distance from top edge to center of first hole: P

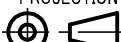
DOT MARK (CAV. No. 1):

- SIZE: $\phi 0.8$ (tolerance: $+0.30 / -0.10$)
- DEPTH: 0.05

FEED DIRECTION: Indicated by an arrow pointing right.



8	PACKING LABEL	—	—
7	REEL	PS	BLACK
6	TOP TAPE	PET TRANSPARENCY	ANTI-STATIC TYPE HEAT WELDING TYPE
5	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		R2			
GENERAL TOLERANCE.				TITLE MINIFLEX® 5-BFN II L	SCALE	I-PEX		
DWG.	DATE				1:X			
CHK.					UNIT			
					mm			
APP.				DWG. No.	20586	SIZE	SHEET	REV.
					A3	6/6	12	