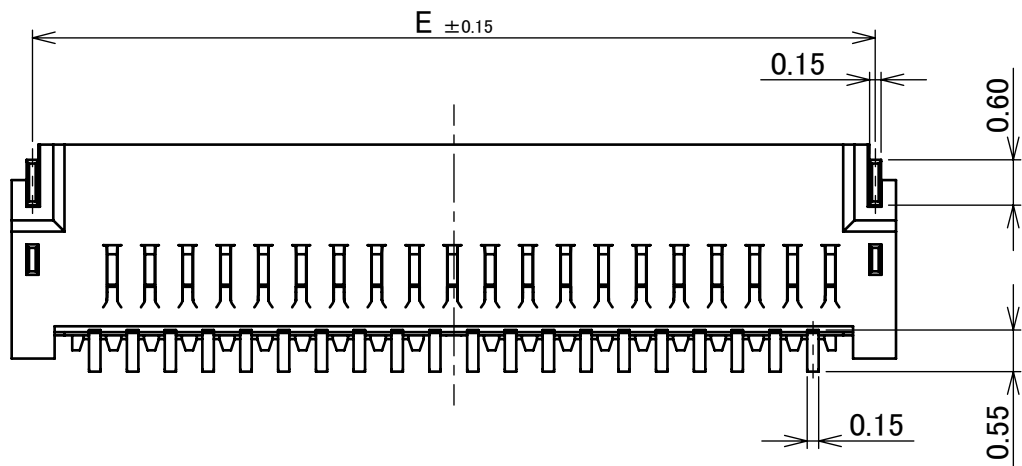
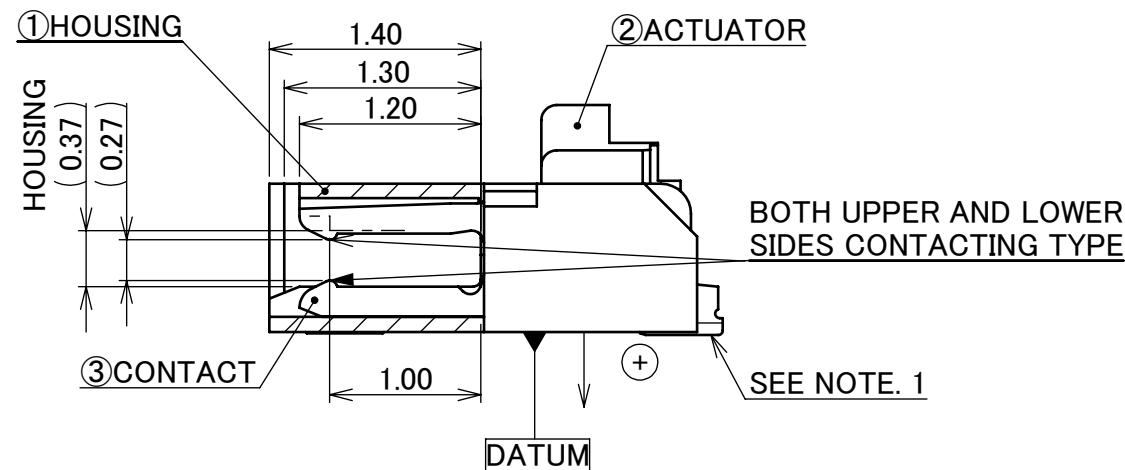
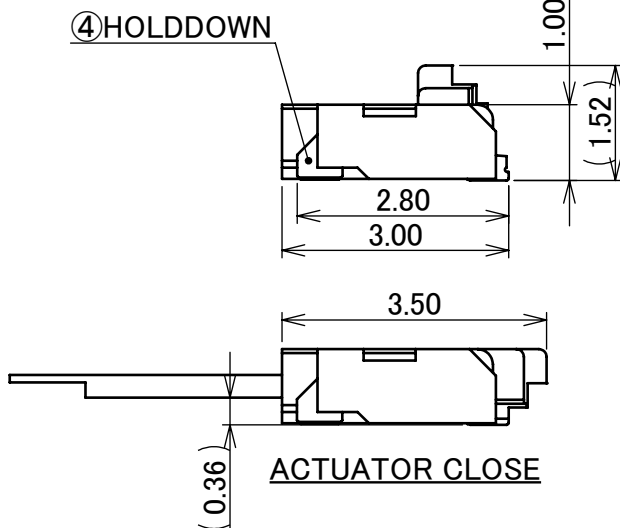
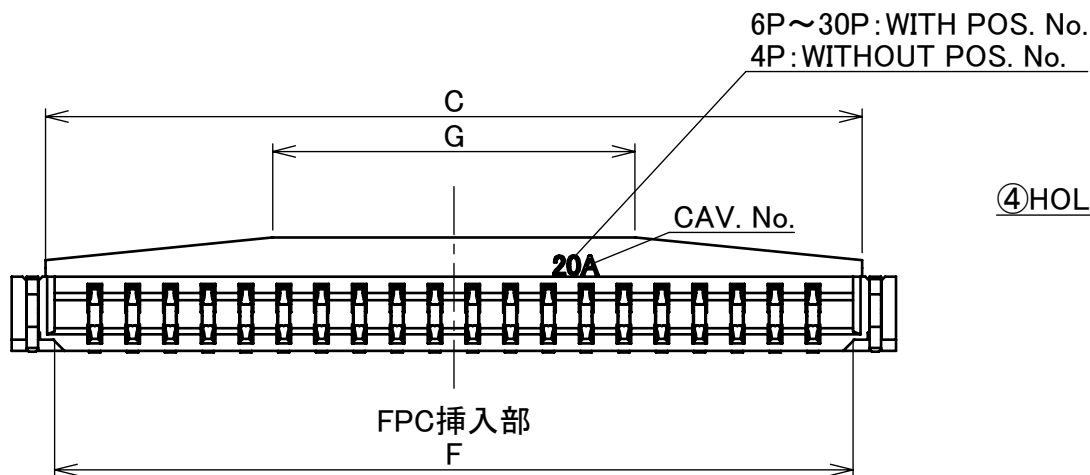


PART No.	POS.	A	B	C	D	E	F	G
20542-004E-01	4	1.50	3.70	2.80	2.50	3.15	2.56	1.80
20542-006E-01	6	2.50	4.70	3.80	3.50	4.15	3.56	2.80
20542-008E-01	8	3.50	5.70	4.80	4.50	5.15	4.56	3.80
20542-010E-01	10	4.50	6.70	5.80	5.50	6.15	5.56	4.80
20542-012E-01	12	5.50	7.70	6.80	6.50	7.15	6.56	5.80
20542-014E-01	14	6.50	8.70	7.80	7.50	8.15	7.56	6.80
20542-016E-01	16	7.50	9.70	8.80	8.50	9.15	8.56	2.80
20542-018E-01	18	8.50	10.70	9.80	9.50	10.15	9.56	3.80
20542-020E-01	20	9.50	11.70	10.80	10.50	11.15	10.56	4.80
20542-022E-01	22	10.50	12.70	11.80	11.50	12.15	11.56	5.80
20542-024E-01	24	11.50	13.70	12.80	12.50	13.15	12.56	6.80
20542-026E-01	26	12.50	14.70	13.80	13.50	14.15	13.56	7.80
20542-028E-01	28	13.50	15.70	14.80	14.50	15.15	14.56	8.80
20542-030E-01	30	14.50	16.70	15.80	15.50	16.15	15.56	9.80



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

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

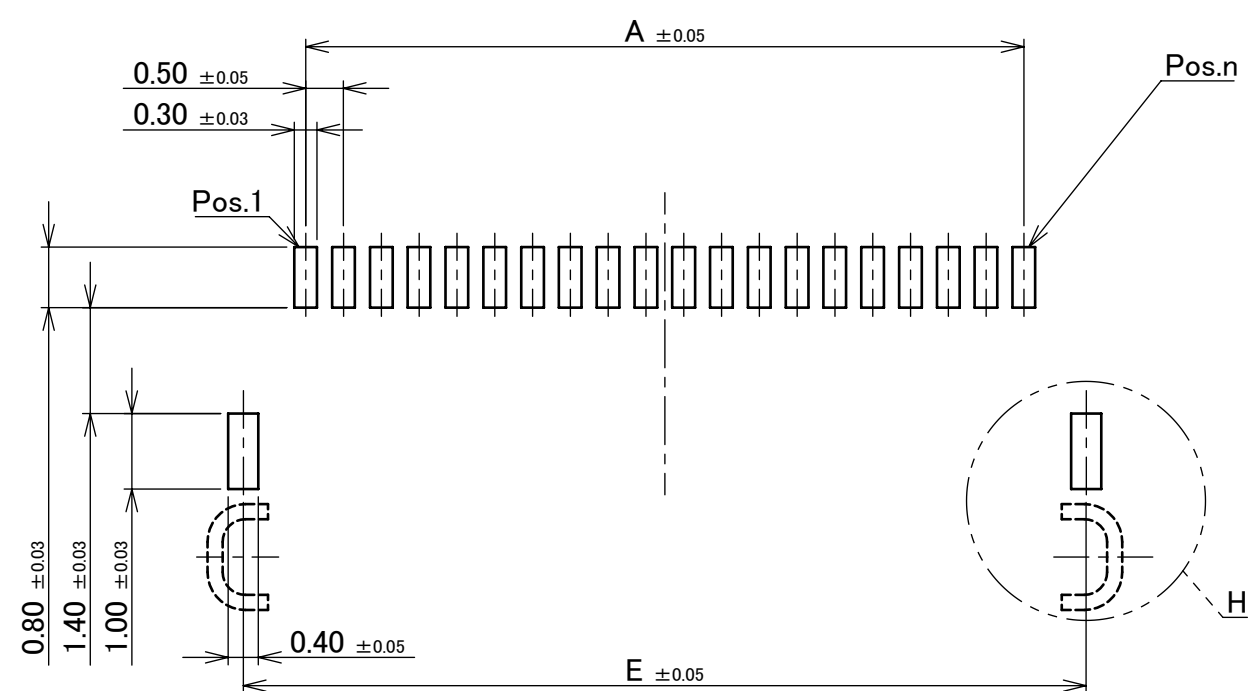
NOTES  
1. CONTACT TAIL IS PROJECTION FROM HOUSING IN THE + DIRECTION. (0~0.06)

8	Z191264	R.F	Sept./30/'19	H.I	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY
7	Z181426	K.T	Nov./01/'18	Y.S	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5	MINIFLEX® 5-BFN II	R5	
6	Z181192	K.T	Sept./12/'18	Y.S	GENERAL TOLERANCE.				TITLE	SCALE	
5	Z160717	H.A	June/24/'16	Y.S	DWG.	K.Inomae	DATE	Nov./20/'12	MINIFLEX® 5-BFN II	10:1	
4	Z160163	H.A	Feb./15/'16	Y.S	CHK.	J.Tateishi	DATE	Nov./21/'12	MINIFLEX® 5-BFN II	UNIT	
3	Z13713	K.I	Feb./08/'13	T.H	APP.	T.Harada	DATE	Nov./22/'12	MINIFLEX® 5-BFN II	mm	
REV.	ECN	BY	DATE	APP.					DWG. No.	SIZE	
									20542	A3	
										SHEET	
										1/5	
										REV.	
										8	

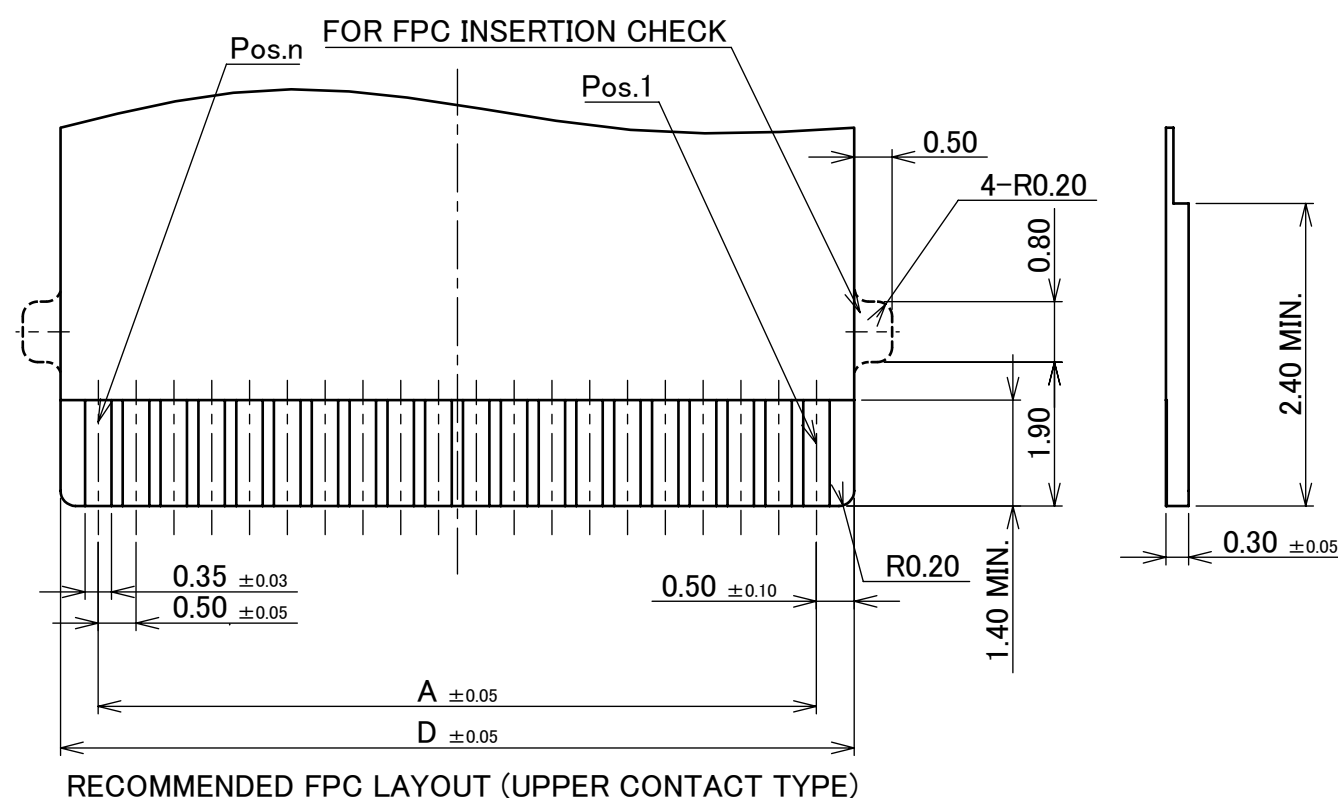
ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC (PER CONTACT)
RATING AMPERAGE	0.5A DC (PER CONTACT) 7.0A DC (PER CONNECTOR)
OPERATING TEMPERATURE	233~398K(-40°C~125°C)
OPERATING HUMIDITY	80% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 40mohm MAX. / AFTER TEST : $\triangle$ 20mohm MAX.
INSULATION RESISTANCE	100Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC200V 1min
DURABILITY	20TH CYCLES
ACTUATOR LOCKING FORCE (INITIAL / 20TH CYCLES)	INITIAL / 20TH CYCLES : 0.6N(61gf) × n MAX.
ACTUATOR UNLOCKING FORCE (INITIAL / 20TH CYCLES)	INITIAL / 20TH CYCLES : 0.05N(5gf) × n MIN.
FPC RETENTION FORCE (INITIAL / AFTER TEST)	INITIAL / AFTER TEST : 0.15N(15gf) × n MIN.
COPLANARITY	0.08 MAX.
PRODUCT SPECIFICATION	PRS-1619
TEST REPORT	TR-12124
PACKING STANDARD	300-963
INSTRUCTION MANUAL	HIM-12019
APPEARANCE CRITERIA No.	QLS-A***

※ “n” IS THE NUMBER OF PIN

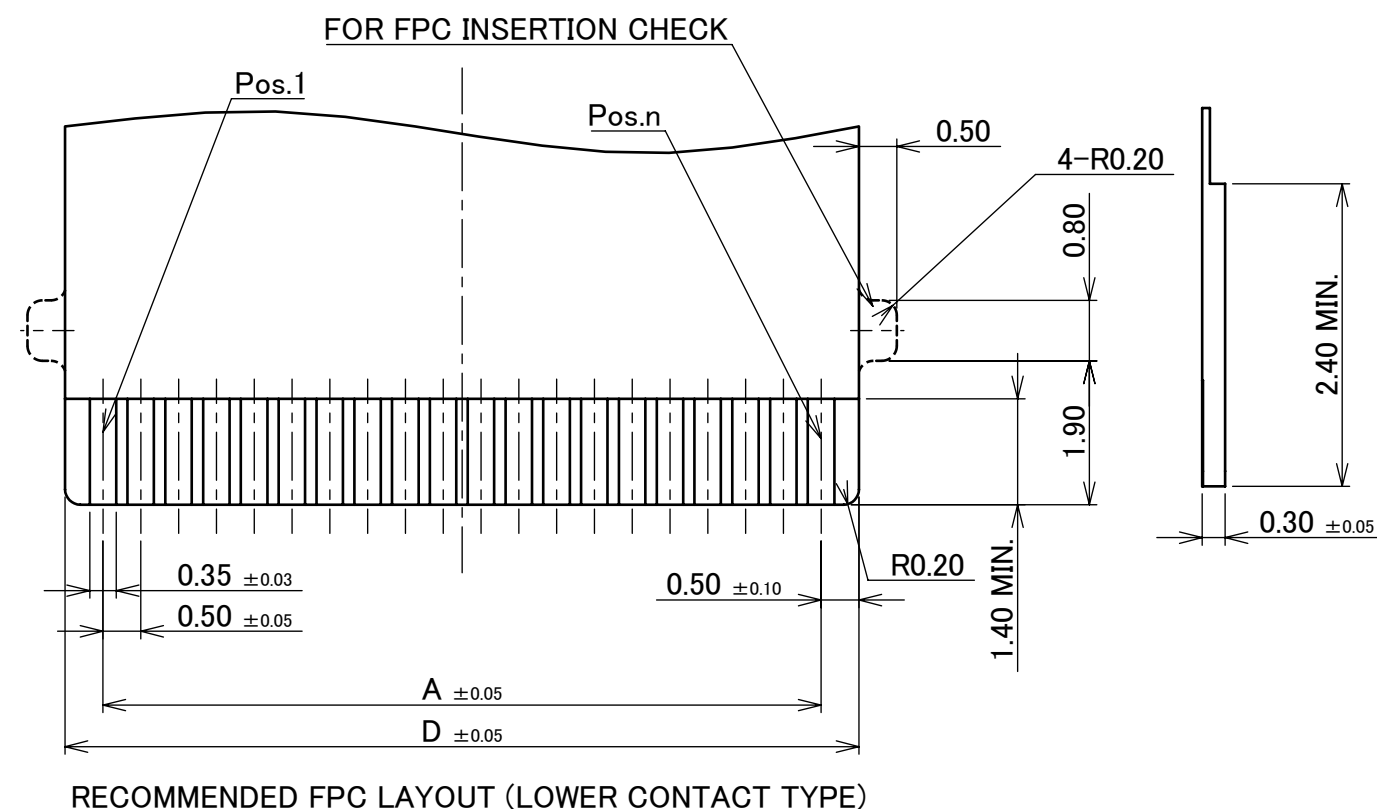
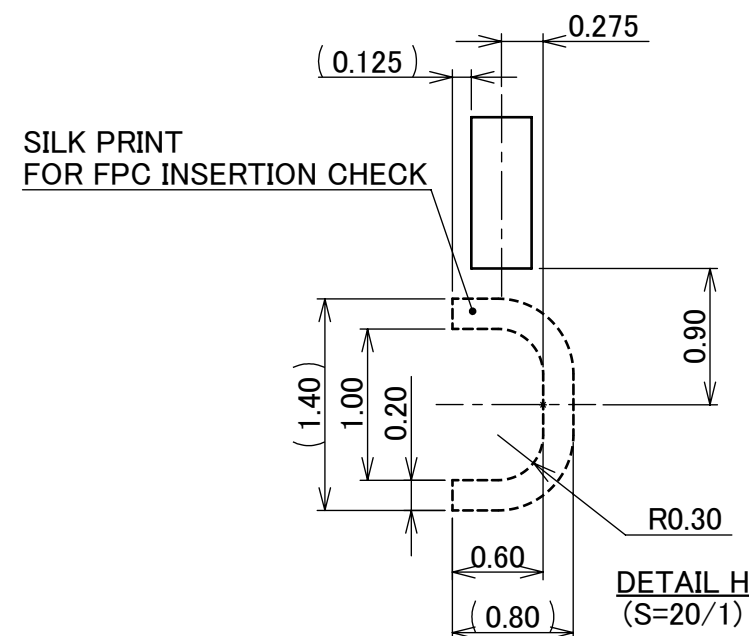
ANGLE	±2°	6 OVER 30 MAX.	±0.3	<div>PROJECTION</div>	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MINIFLEX® 5-BFN II		SCALE		
DWG.	DATE					UNIT		
CHK.	DATE					mm		
APP.	DATE					SIZE		
				DWG. No. 20542		A3	SHEET 2/5	REV. 8



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

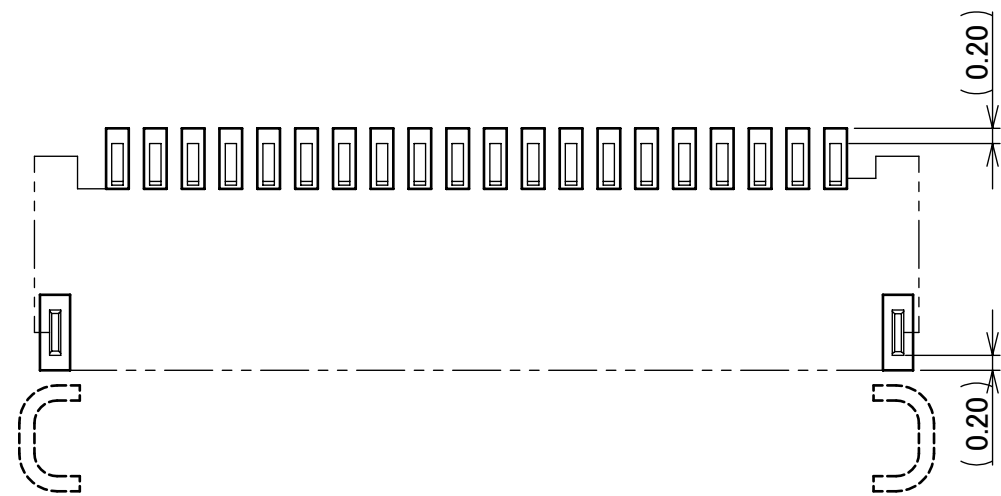


NOTES  
2.MATERIAL  
COVER FILM : PI  
CONDUCTOR : COPPER(RARE)  
BASE FILM : PI  
STIFFENER : PI  
ADHESIVE : THERMOSETTING ADHESIVE  
3.FINISH  
Au OVER Ni PLATING.

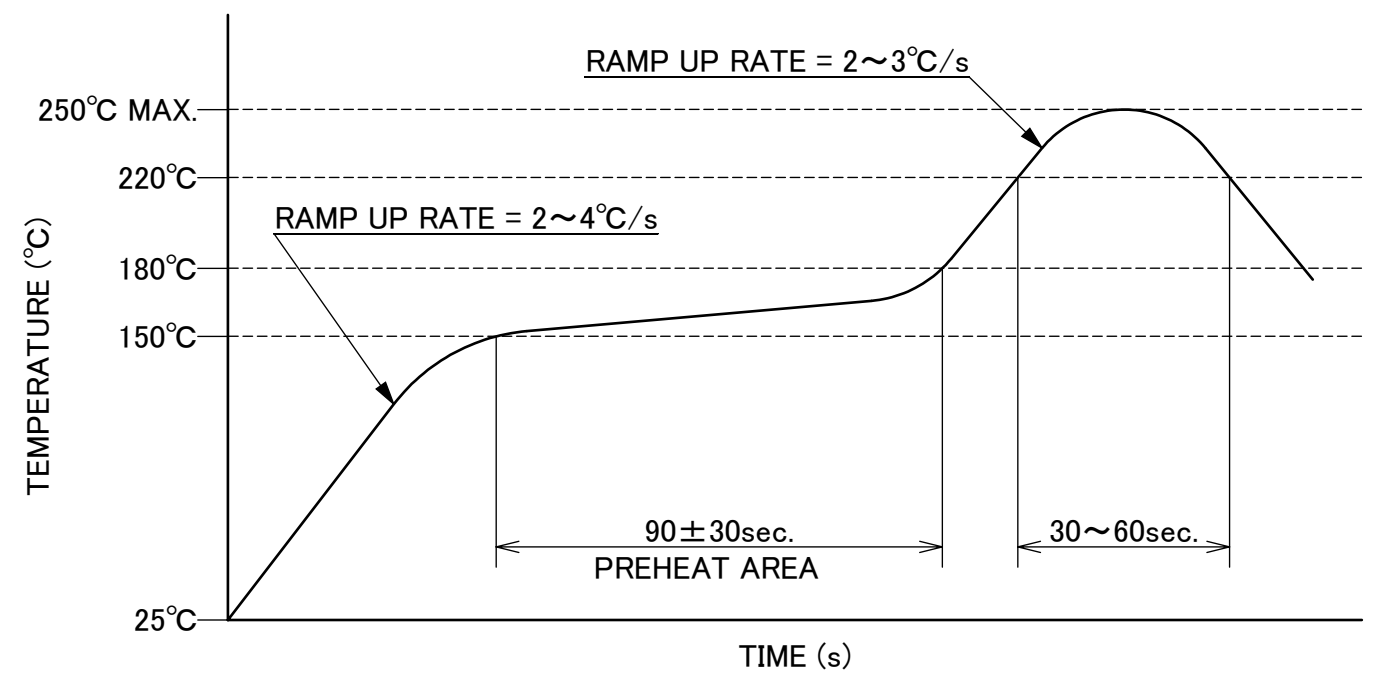


PART No.	POS.	A	D	E
20542-004E-01	4	1.50	2.50	3.15
20542-006E-01	6	2.50	3.50	4.15
20542-008E-01	8	3.50	4.50	5.15
20542-010E-01	10	4.50	5.50	6.15
20542-012E-01	12	5.50	6.50	7.15
20542-014E-01	14	6.50	7.50	8.15
20542-016E-01	16	7.50	8.50	9.15
20542-018E-01	18	8.50	9.50	10.15
20542-020E-01	20	9.50	10.50	11.15
20542-022E-01	22	10.50	11.50	12.15
20542-024E-01	24	11.50	12.50	13.15
20542-026E-01	26	12.50	13.50	14.15
20542-028E-01	28	13.50	14.50	15.15
20542-030E-01	30	14.50	15.50	16.15

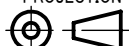

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5	MINIFLEX® 5-BFN II	R5	
GENERAL TOLERANCE.				TITLE	SCALE	I-PEX connectors
DWG.	DATE	CHK.	DATE	DWG. No.	10:1	
APP.	DATE			20542	mm	
					SIZE	
					A3	SHEET 3/5 REV. 8

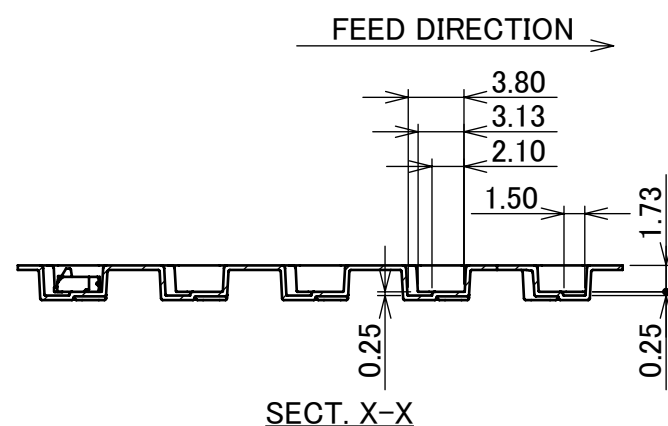


CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



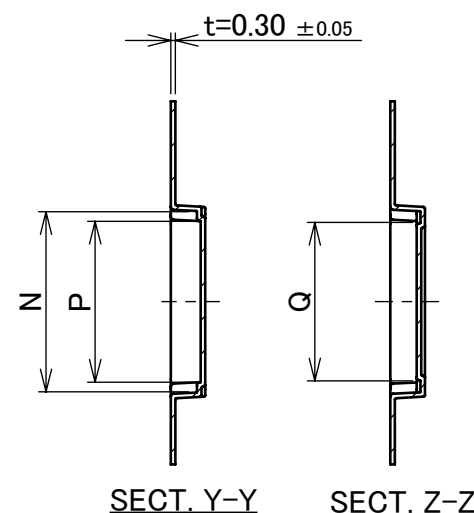
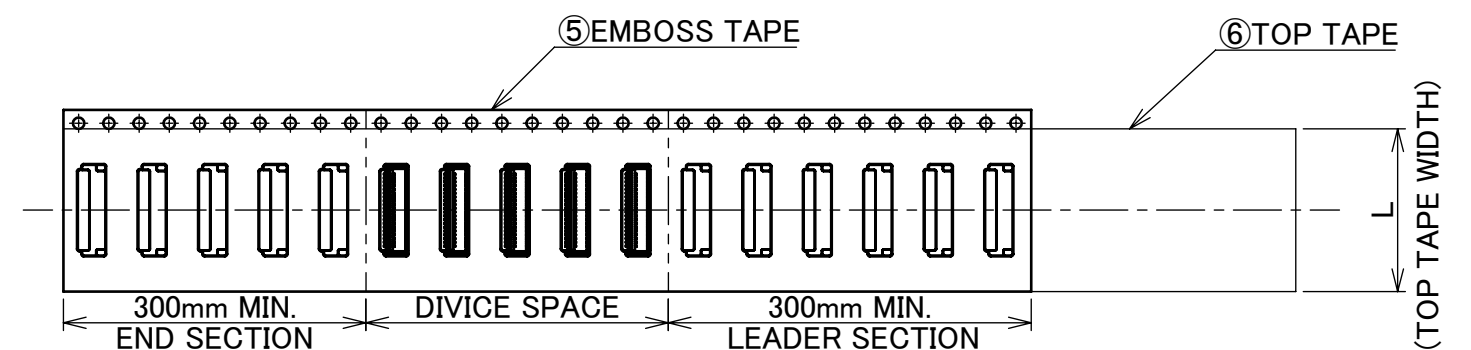
REFLOW TEMPERATURE PROFILE  
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

ANGLE	±2°	6 OVER 30 MAX.	±0.3	<div>PROJECTION</div> 	SERIES No. R5	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MINIFLEX® 5-BFN II		SCALE		
DWG.	DATE					10:1		
CHK.	DATE					UNIT		
						mm		
APP.	DATE			DWG. No.		SIZE	SHEET 4/5   REV. 8	
					20542	A3		


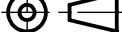



NOTES.

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



8	PACKING LABEL	—	—
7	REEL	PS	BLACK
6	TOP TAPE	PET t=0.062 TRANSPARENCY	ANTI-STATIC TYPE HEAT WELDING TYPE
5	EMBOSS TAPE	PS t=0.3 TRANSPARENCY	ANTI-STATIC TYPE
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

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 MINIFLEX® 5-BFN II		SCALE				
DWG.	DATE					UNIT				
CHK.	DATE					mm				
APP.	DATE					SIZE				
				DWG. No.		A3	SHEET	5/5	REV.	8
				20542						