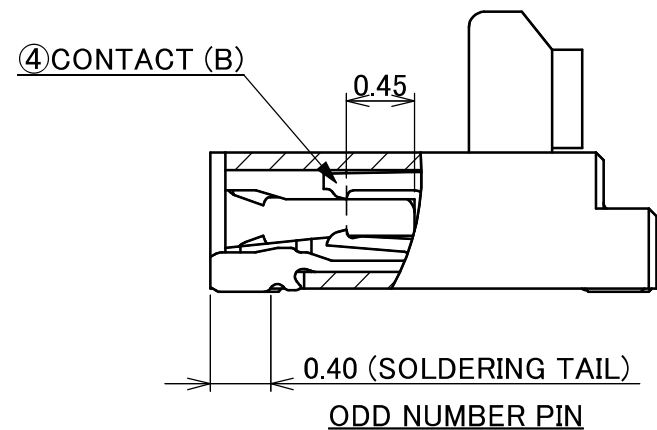
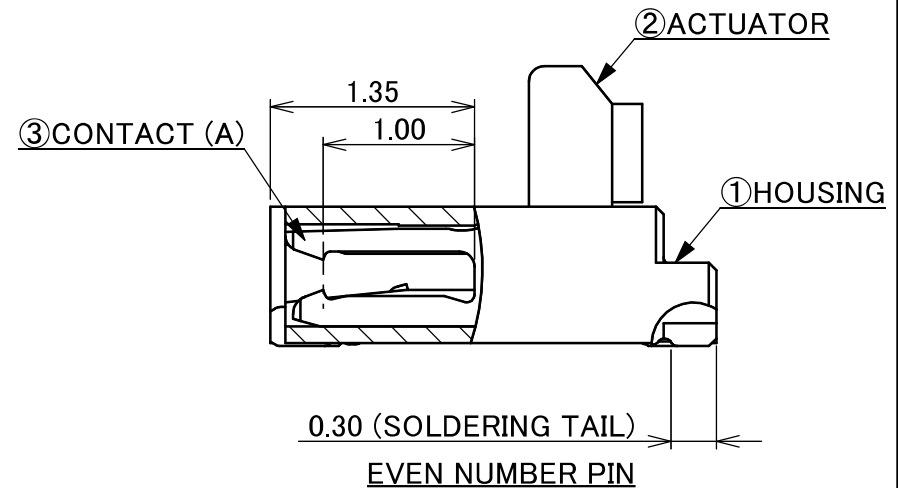
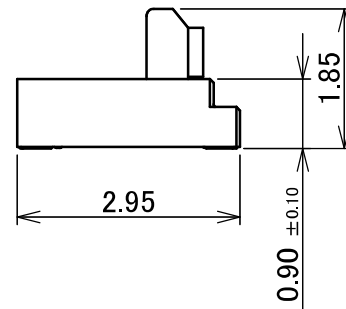
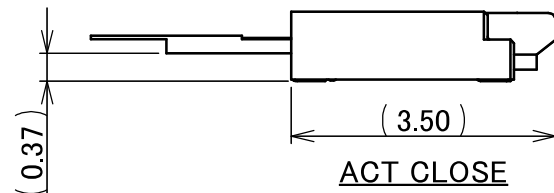
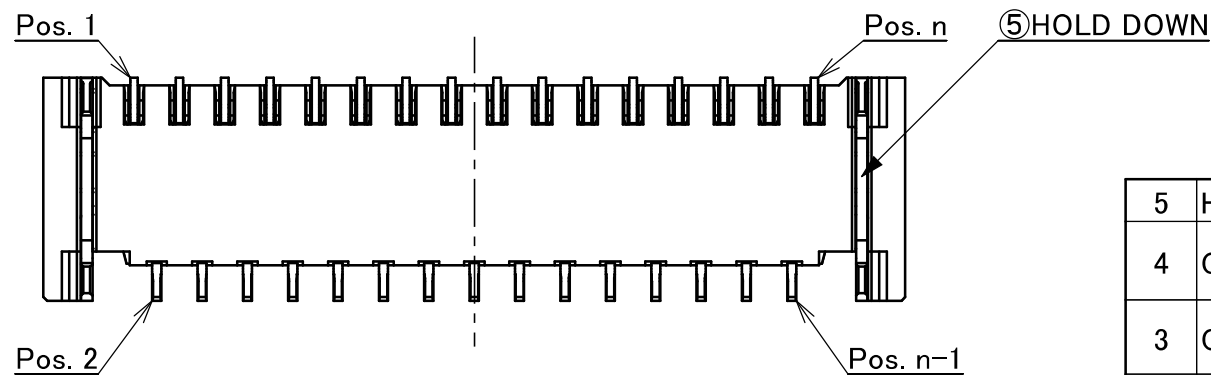
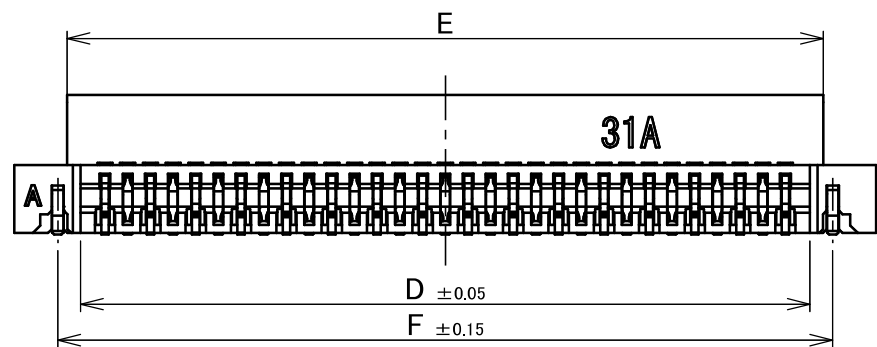
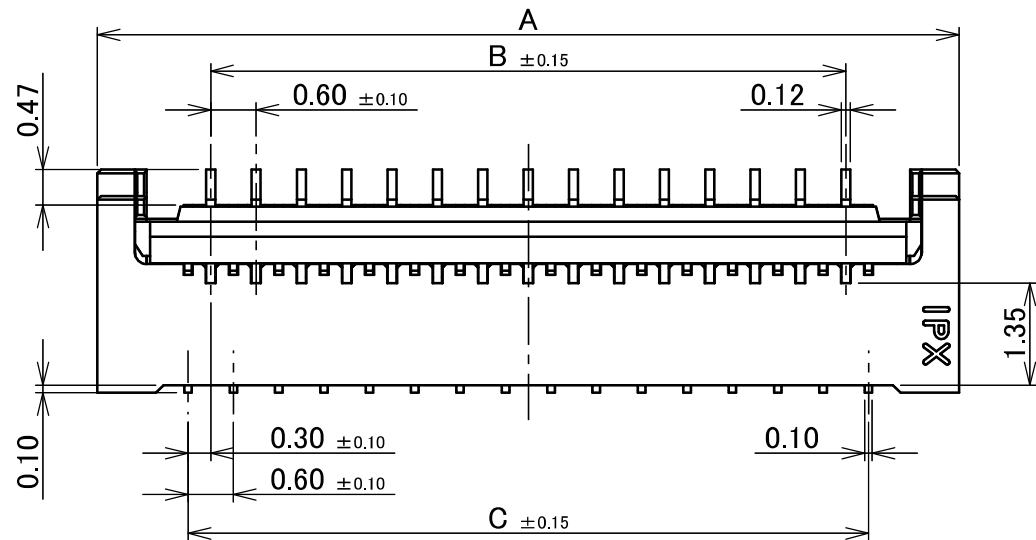
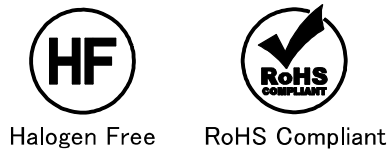
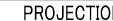


PART No.	Pos.	A	B	C	D	E	F
20660-039E-01	39P	13.80	10.80	11.40	12.05	12.40	12.65
20660-061E-01	61P	20.40	17.40	18.00	18.65	19.00	19.25



NOTE
1. CONTACT POINT : TOP AND BOTTOM CONTACT

5	HOLD DOWN	BRASS	
4	CONTACT(B)	PHOSPHOR BRONZE	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.
3	CONTACT(A)	PHOSPHOR BRONZE	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	ACTUATOR	LCP	UL94V-0, BEIGE
1	HOUSING	LCP	UL94V-0, BEIGE
NO.	DISCRIPTION	MATERIAL	REMARKS

12	ZC01026	M.M	2026/10/07	H.I	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R3	CUSTOMER COPY		
11	Z241277	S.Sh	2024/09/17	T.M	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
10	Z240681	S.Sh	2024/07/01	T.M	GENERAL TOLERANCE.				TITLE MINIFLEX® 3-BFNH L-HD	SCALE			
9	Z240276	S.Sh	2024/03/01	T.M	DWG.	DATE		M.Muro 2015/11/30		10:1			
8	Z230456	M.M	2023/04/20	H.I	CHK.					UNIT			
7	Z230318	K.W	2023/03/20	M.T	—					mm			
REV.	ECN	BY	DATE	APP.	APP.					DWG. No.			SIZE
REVISION RECORD					Y.Shimada				20660		A3	1/5	12

ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC/DC (PER CONTACT PIN)
RATING AMPERAGE	0.3A DC (PER CONTACT PIN)
OPERATING TEMPERATURE	233~358K(-40℃~+85℃)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE	INITIAL : 60mohm MAX. / AFTER TEST : $\triangle$ 40mohm MAX.
INSULATION RESISTANCE	100Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	20TH CYCLES
ACTUATOR LOCKING FORCE (INITIAL / 20TH CYCLES)	INITIAL : 0.245N(24.5gf) × n MAX. / 20TH CYCLES : 0.245N(24.5gf) × n MAX.
ACTUATOR UNLOCKING FORCE (INITIAL / 20TH CYCLES)	INITIAL : 0.014N(1.4gf) × n MIN. / 20TH CYCLES : 0.014N(1.4gf) × n MIN.
FPC RETENTION FORCE (INITIAL / AFTER TEST)	INITIAL : 0.13N(13gf) × n MIN. / AFTER TEST : 0.10N(10gf) × n MIN.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2073
TEST REPORT	TR-15025
PACKING STANDARD	PST-15042
INSTRUCTION MANUAL	HIM-14004
APPEARANCE CRITERIA No.	QLS-A***

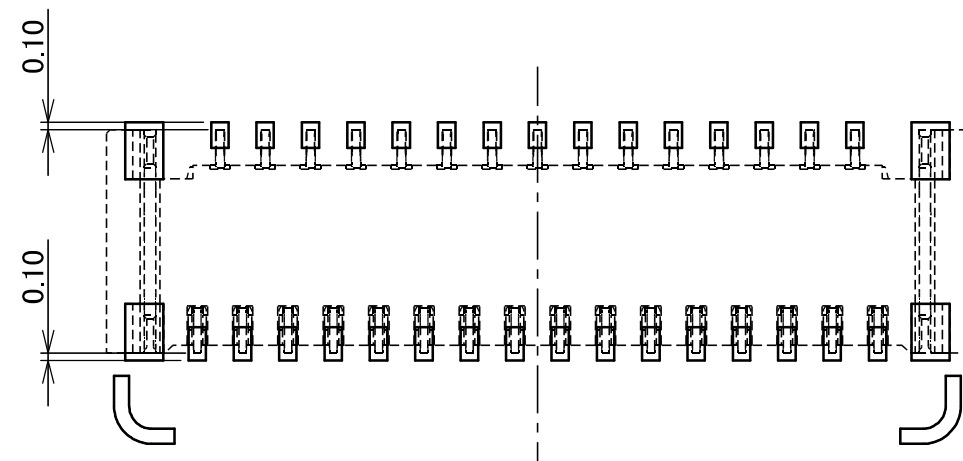
※ “n” IS THE NUMBER OF PIN



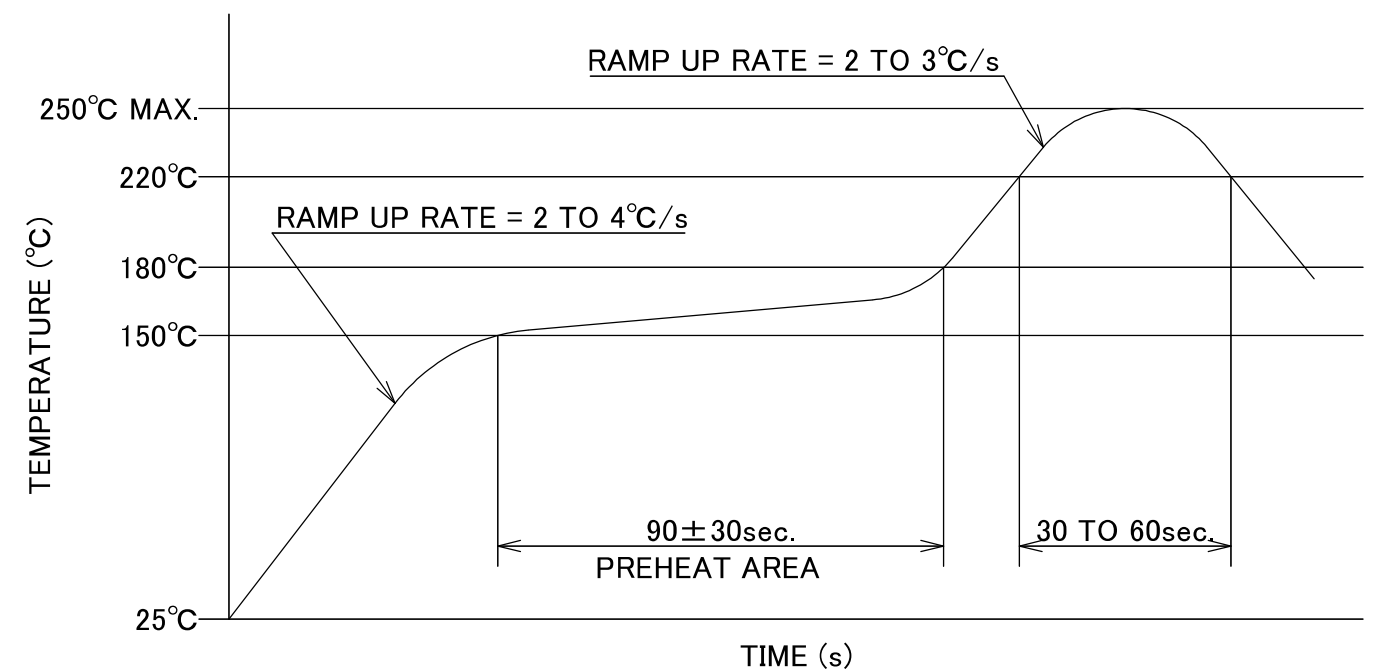
CAUTION

PLEASE BE SURE TO READ AND UNDERSTAND “INSTRUCTION MANUAL” BEFORE YOU USE OUR PRODUCTS.

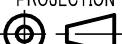
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R3	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MINIFLEX® 3-BFNH L-HD		SCALE	I-PEX	
DWG.	DATE					—		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20660		SIZE A3	SHEET 2/5	REV. 12



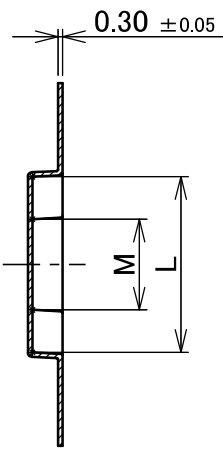
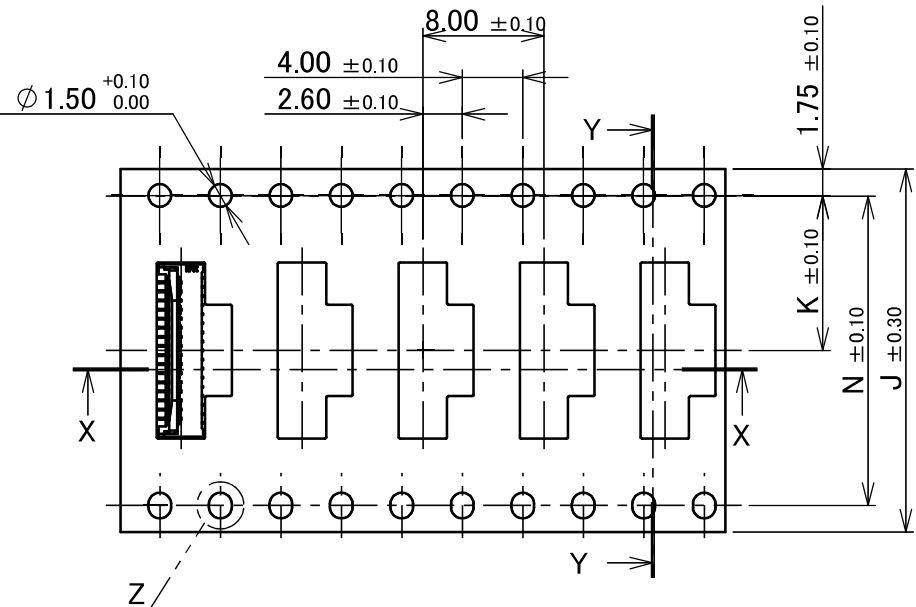
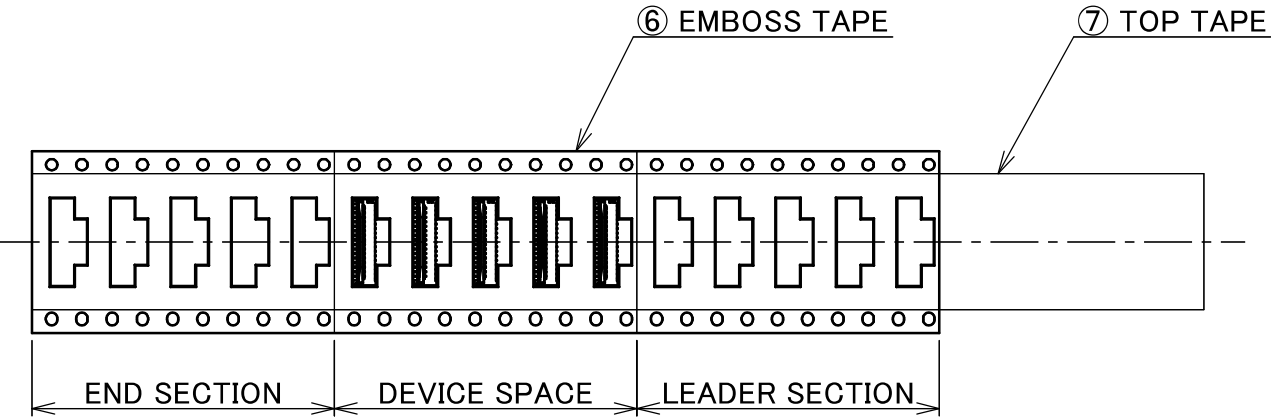
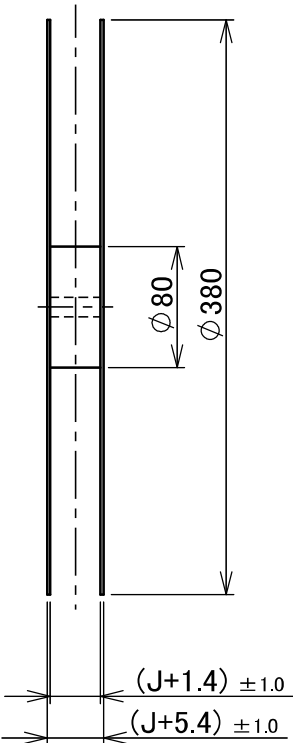
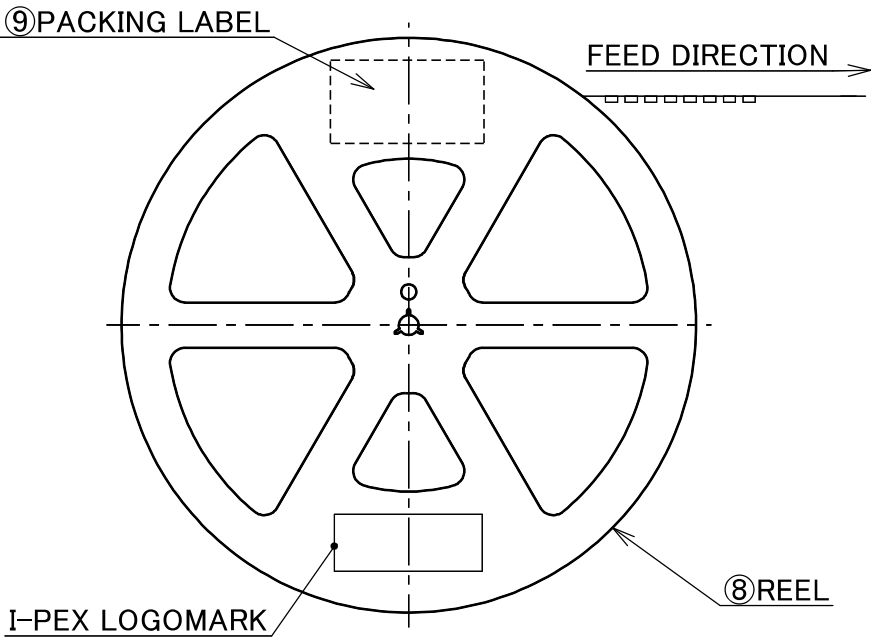
CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



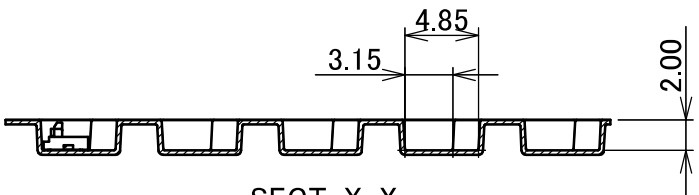
REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R3	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE MINIFLEX® 3-BFNH L-HD		SCALE		
DWG.		DATE	10:1					
CHK.			UNIT					
			mm					
APP.				DWG. No. 20660		SIZE A3	SHEET 4/5	REV. 12

PART No.	J	K	L	M	N	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20660-039E-01	24.00	11.50	14.00	8.00	-		5 REELS / CARTON (20000 PIECES / CARTON)
20660-061E-01	44.00	20.20	20.60	10.00	40.40	4000 PIECES / REEL	3 REELS / CARTON (12000 PIECES / CARTON)



SECT. Y-Y



SECT. X-X

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

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

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		R3			
GENERAL TOLERANCE.				TITLE	SCALE			
DWG.		DATE		MINIFLEX® 3-BFNH		X:1		
CHK.				L-HD		UNIT		
APP.				DWG. No.		mm		
				20660		SIZE	SHEET	REV.
						A3	5/5	12