

Recommended P/N 20708-0**E-01-□

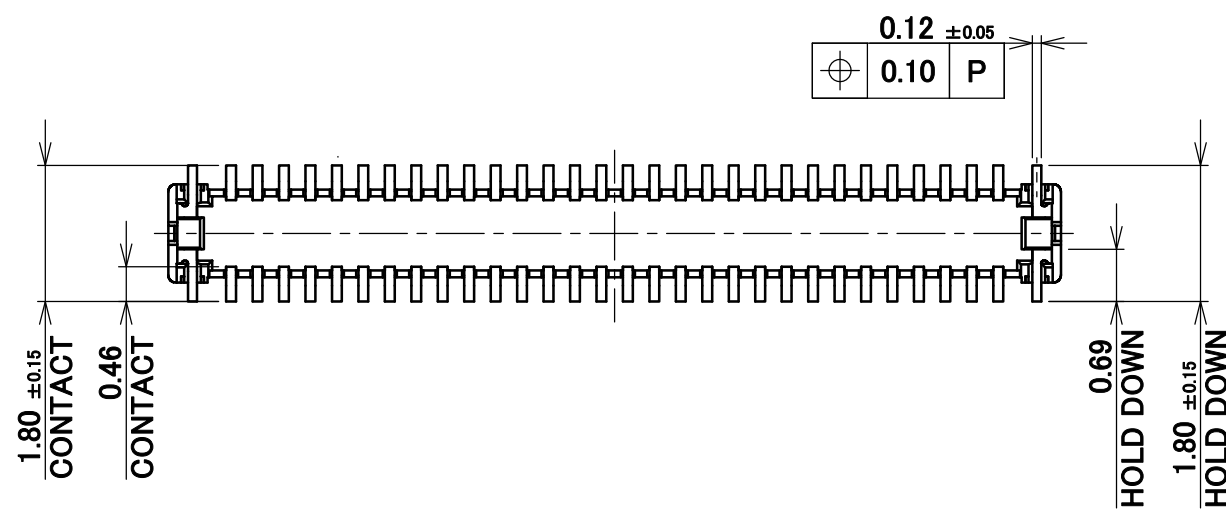
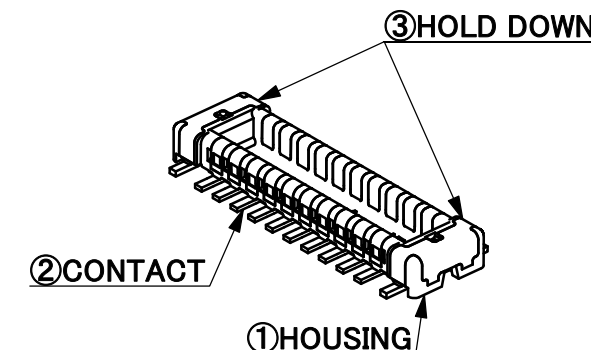
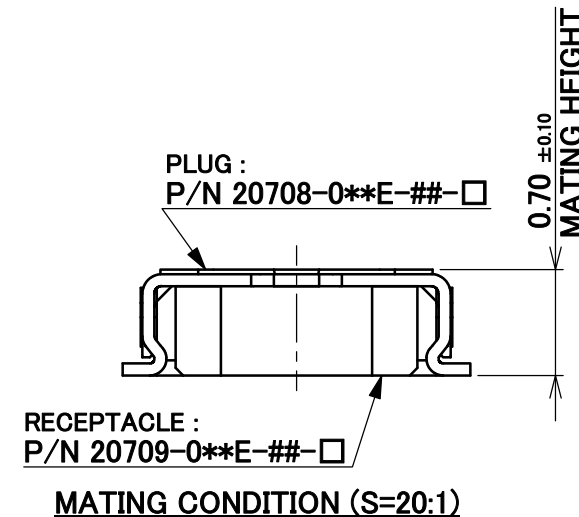
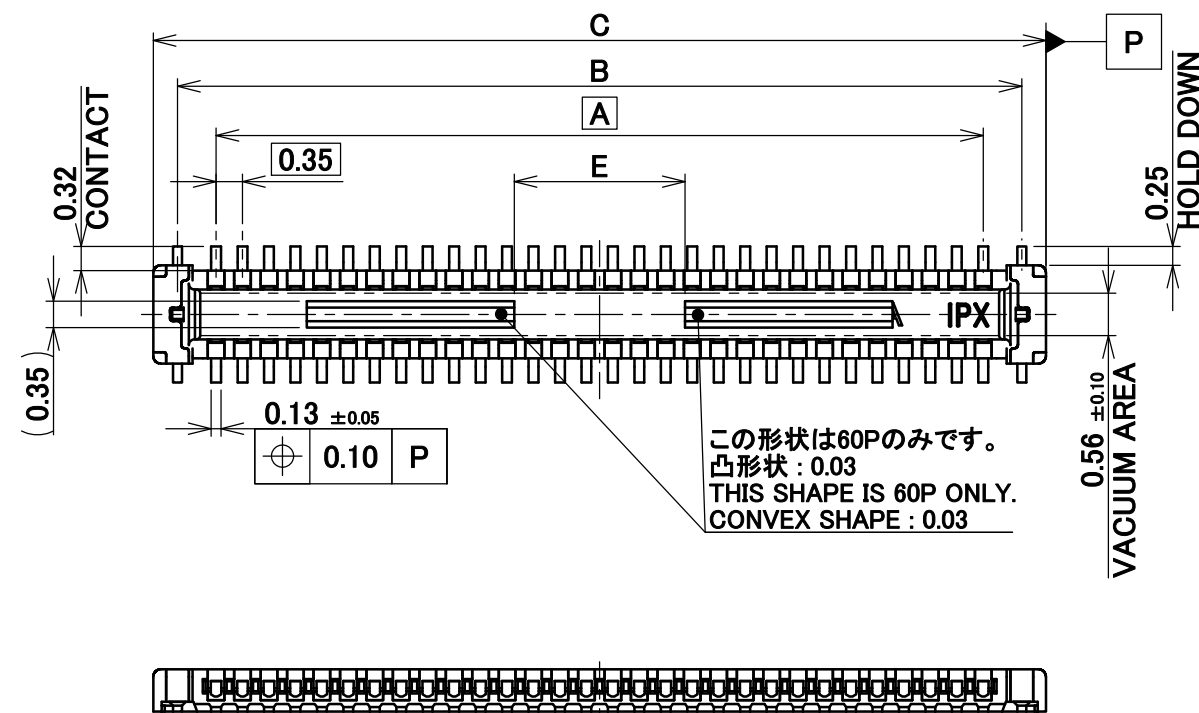
PART No.	Pos.	A	B	C	D	E	PART No. 20708-0**E-##-□	CONDUCTIVITY TYPE (##)	QTY. IN REEL (□)	APPLICABLE POSITION NUMBER (**)									
										-	-	-	-	-	-	34	40	50	-
20708-010E-##-□	10	1.40	2.42	3.06	3.92	-	20708-0**E	NORMAL(NONE)	20,000(NONE)	-	-	-	-	-	-	34	40	50	-
20708-014E-##-□	14	2.10	3.12	3.76	4.62	-	20708-0**E-00-M	NORMAL(00)	5,000(M)	-	-	-	-	-	-	34	40	50	-
20708-018E-##-□	18	2.80	3.82	4.46	5.32	-	20708-0**E-01	HIGH(01)	20,000(NONE)	10	14	18	20	24	30	34	40	50	60
20708-020E-##-□	20	3.15	4.17	4.81	5.67	-	20708-0**E-01-M	HIGH(01)	5,000(M)	10	14	18	20	24	30	34	40	50	60
20708-024E-##-□	24	3.85	4.87	5.51	6.37	-													
20708-030E-##-□	30	4.90	5.92	6.56	7.42	-													
20708-034E-##-□	34	5.60	6.62	7.26	8.12	-													
20708-040E-##-□	40	6.65	7.67	8.31	9.17	-													
20708-050E-##-□	50	8.40	9.42	10.06	10.92	-													
20708-060E-##-□	60	10.15	11.17	11.81	12.67	2.26													



Halogen Free



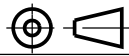
RoHS Compliant

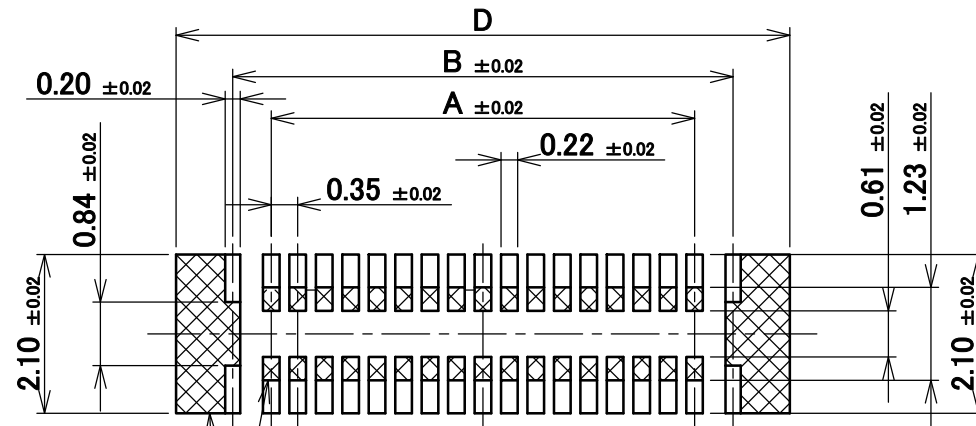


NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
3	HOLD DOWN	CORSON ALLOY	ALL OVER Ni 1.27 μ m MIN. CONTACT PART Au 0.1 μ m MIN. SOLDERING PART Au 0.01 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE P/N : 20708-0**E CORSON ALLOY P/N : 20708-0**E-00-M	ALL OVER Ni 1.27 μ m MIN. CONTACT PART Au 0.1 μ m MIN. SOLDERING PART Au 0.01 μ m MIN.
1	HOUSING	LCP	UL94V-0, BLACK

REV.	ECN	BY	DATE	APP.	APP.	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
13	Z220204	K.W	2022/02/28	Y.H		6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1	CUSTOMER COPY		
12	Z190514	R.S	2019/04/12	TAK										
11	Z180678	R.H	2018/05/28	TAK		GENERAL TOLERANCE.				TITLE NOVASTACK® 35-P PLUG ASS'Y	SCALE			
10	Z171526	Y.B	2017/12/27	TAK	DWG.	T.Hirakawa		DATE	2015/08/20		10:1			
9	Z171285	T.F	2017/11/08	TAK	CHK.	T.Tagawa					UNIT			
8	Z171019	T.F	2017/09/04	TAK	APP.	E.Kawabe					mm			
REV.	ECN	BY	DATE	APP.	APP.	REVISION RECORD				DWG. No.	20708	SIZE	SHEET	REV.
												A3	1/6	13

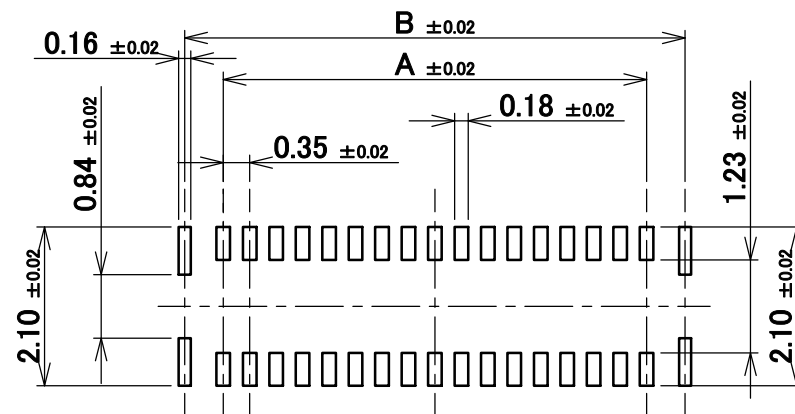
ITEMS	SPECIFICATION	
	NORMAL CONDUCTIVITY	HIGH CONDUCTIVITY
APPLICABLE CONNECTOR PART No.	20709-0**E-**	
RATING VOLTAGE	50V AC (r.m.s) / DC	
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.3A AC/DC (PER CONTACT PIN), 12.0A AC/DC(TOTAL)	0.3A AC/DC (PER CONTACT PIN), 12.0A AC/DC(TOTAL) 1.0A AC/DC (PER CONTACT OF UP TO 8 PINS)
RATING AMPERAGE (FOR POWER CONTACT)	2.0A AC/DC (PER CONTACT PIN), 4.0A AC/DC(TOTAL)	
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)	
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)	
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 80mohm MAX. / AFTER TEST : \triangleleft 20mohm MAX.	INITIAL : 30mohm MAX. / AFTER TEST : \triangleleft 20mohm MAX.
CONTACT RESISTANCE (FOR POWER CONTACT)	INITIAL : 80mohm MAX. / AFTER TEST : \triangleleft 20mohm MAX.	INITIAL : 30mohm MAX. / AFTER TEST : \triangleleft 20mohm MAX.
INSULATION RESISTANCE	INITIAL : 1,000Mohm MIN. / AFTER TEST : 500Mohm MIN.	
DIELECTRIC WITHSTANDING VOLTAGE	AC200V 1min	
DURABILITY	20 CYCLES	
MATING FORCE (INITIAL)	1.0 N/Pin MAX.	~28P 2.0 N/Pin MAX. 30P~ 1.0 N/Pin MAX.
UNMATING FORCE (AFTER TEST)	0.15 N/Pin MIN.	~28P 0.30 N/Pin MIN. 30P~ 0.15 N/Pin MIN.
COPLANARITY	0.08 MAX.	
PRODUCT SPECIFICATION	PRS-2101	PRS-2334
TEST REPORT	TR-15069	TR-16143
PACKING STANDARD	PST-15076 (20K/REEL) PST-17038 (5K/REEL)	
INSTRUCTION MANUAL	HIM-15014	
APPEARANCE CRITERIA No.	QLS-A***	

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R1	CUSTOMER COPY	
	6 MAX.	± 0.2	30 OVER 120 MAX.				
GENERAL TOLERANCE.				TITLE NOVASTACK® 35-P PLUG ASS'Y	SCALE	I-PEX	
DWG.	DATE						
CHK.							
APP.							
DWG. No.	20708			UNIT mm	SIZE A3	SHEET 2/6	REV. 13

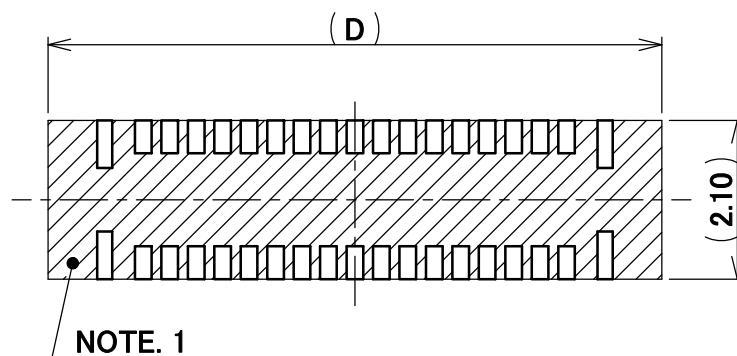


半田上がり防止の為、半田付けをしないで下さい。
 パターンを設けるときは、レジストもしくはカバーレイを設けて下さい。
 MUST BE NOT SOLDERING AREA FOR PREVENT FROM SOLDER WICKING.
 MUST BE COVER LAY OR RESIST COATING ON THE PATTERN.

RECOMMENDED PATTERN LAYOUT



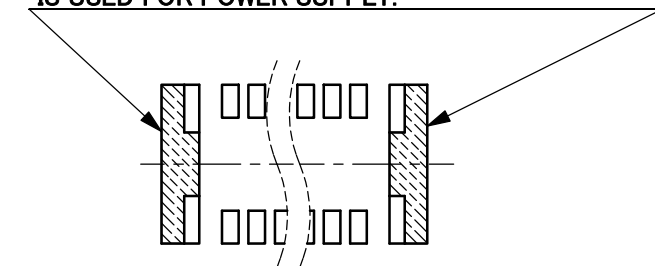
RECOMMENDED METAL MASK LAYOUT
 THICKNESS : 0.10 mm



NOTE. 1

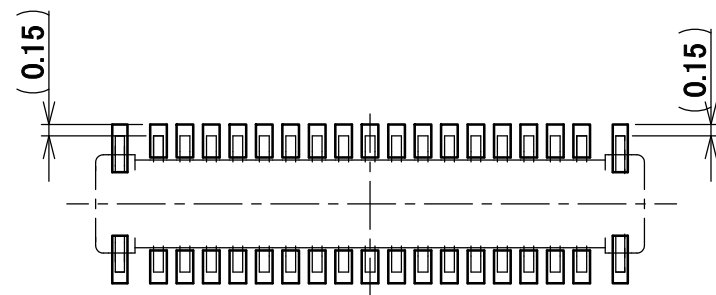
NOTES.
 1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

ホールドダウンを電源用としてご使用の場合は、
 両パットを図のように繋げて下さい。
 PAD IS CONNECTED LIKE FIGURE WHEN HOLD DOWN
 IS USED FOR POWER SUPPLY.

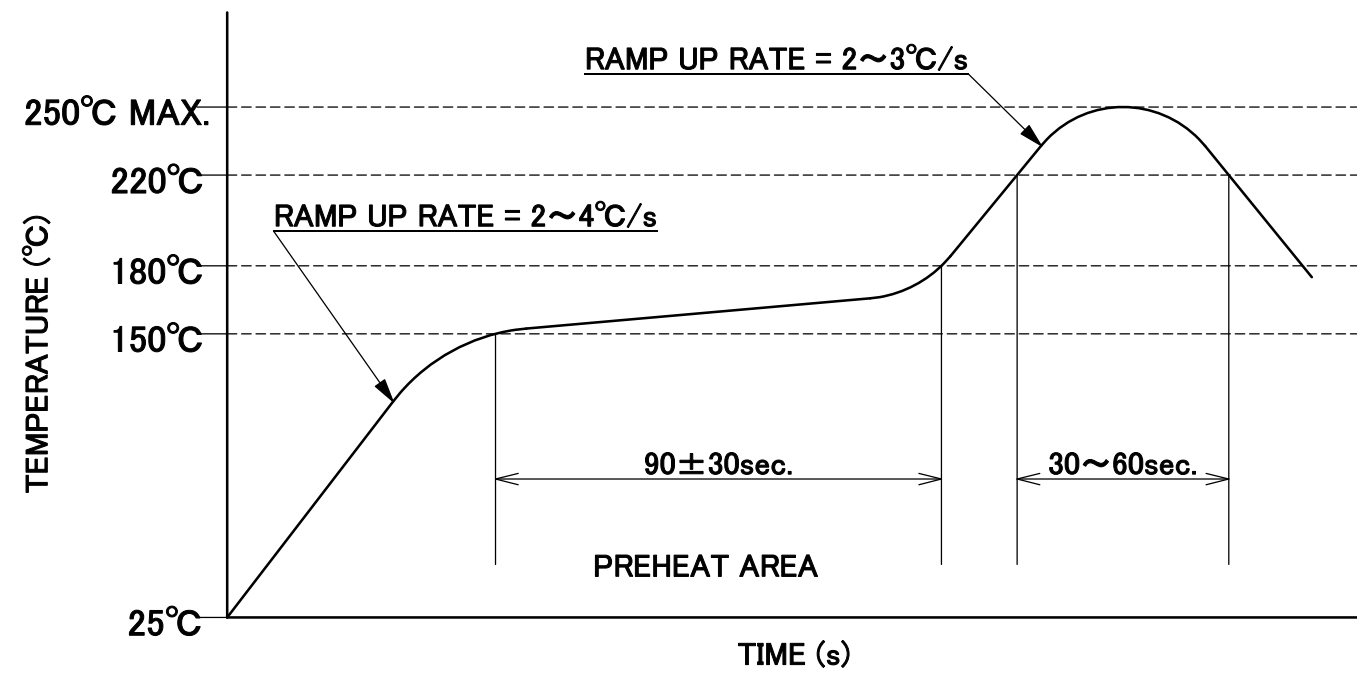


**HOLD DOWN PAD LAYOUT
 USED FOR POWER SUPPLY.**

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5	R1		
GENERAL TOLERANCE.				TITLE	SCALE	I-PEX	
DWG.	DATE			NOVASTACK® 35-P PLUG ASS'Y	10:1		
CHK.					UNIT		
APP.					mm		
				DWG. No.	SIZE	SHEET	REV.
				20708	A3	3/6	13



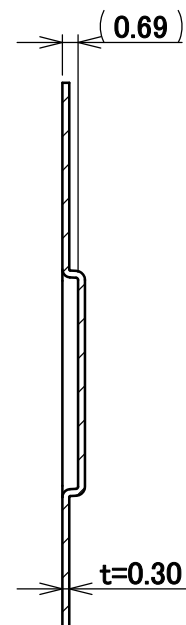
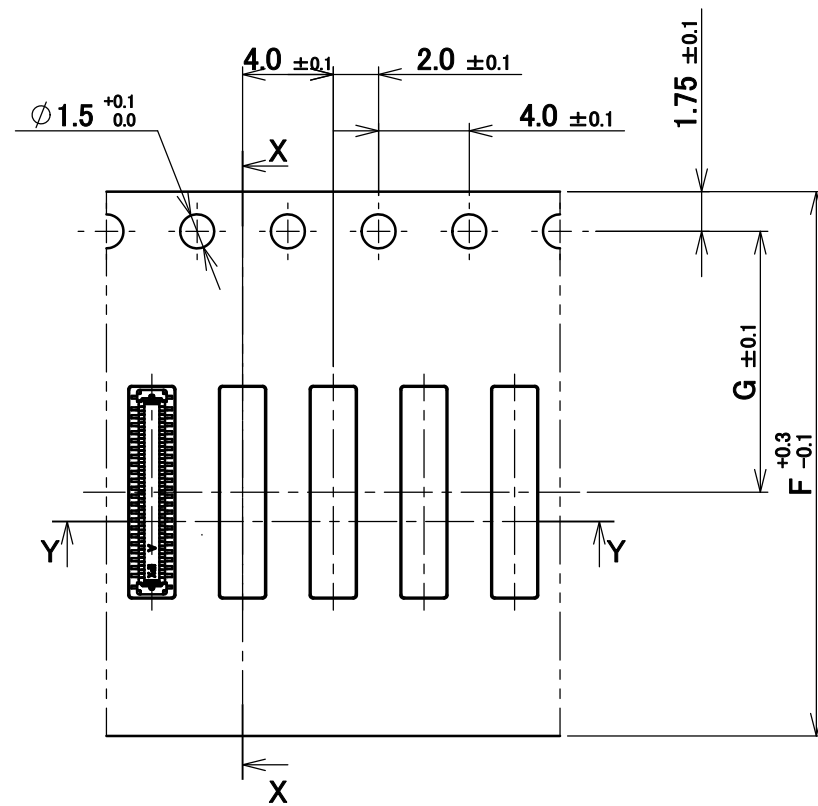
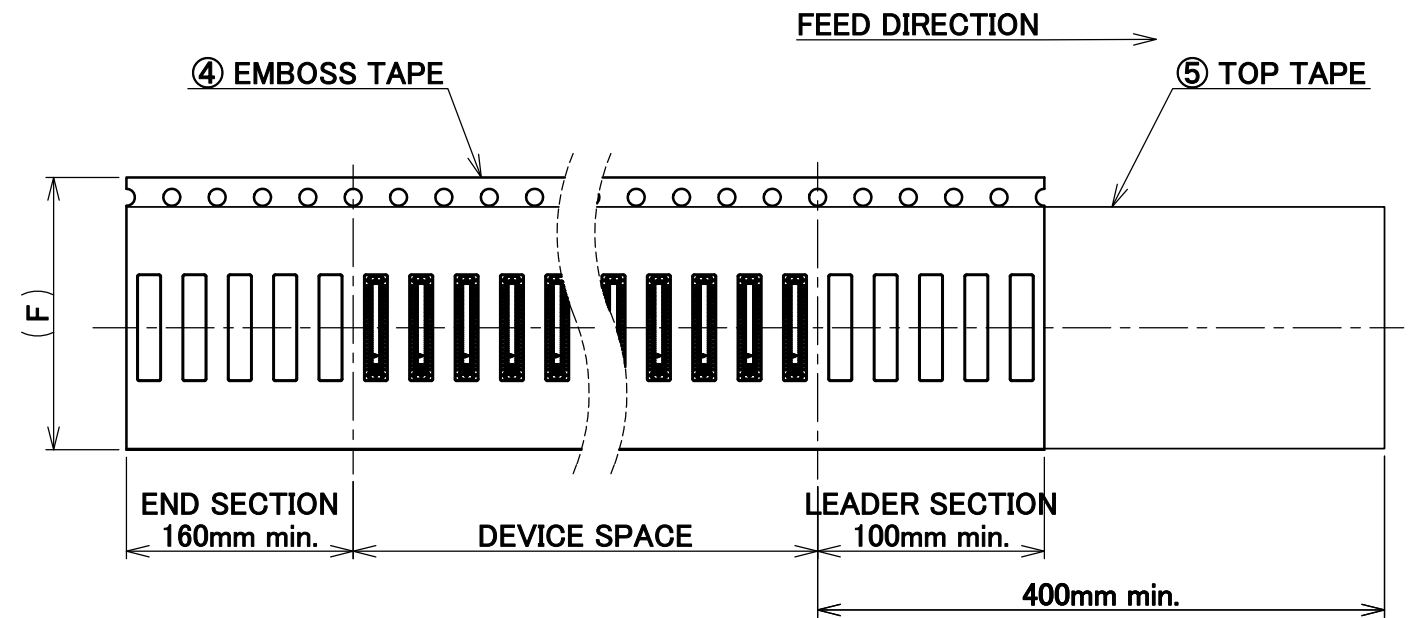
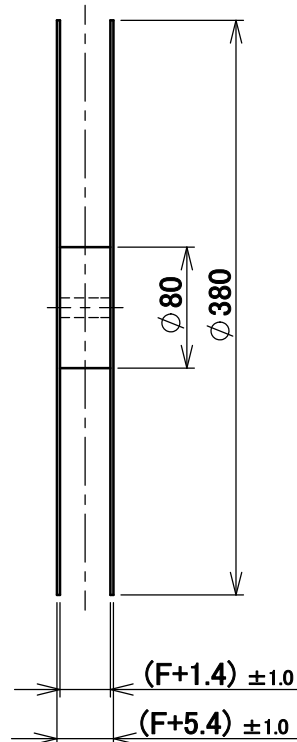
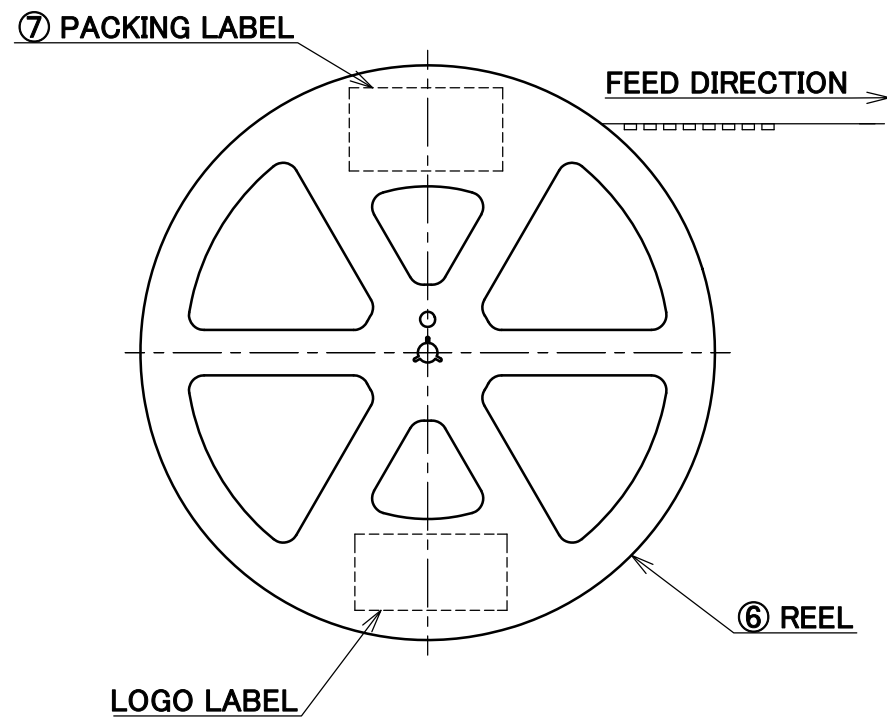
CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



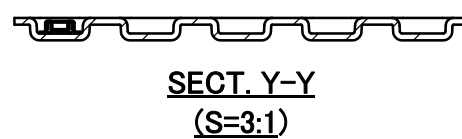
REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R1	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE		SCALE	I-PEX	
DWG.	DATE			NOVASTACK® 35-P PLUG ASS'Y		10:1		
CHK.						UNIT mm		
APP.				DWG. No.	20708	SIZE A3	SHEET 4/6	REV. 13

PART NO.	Pos.	F	G	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20708-0**E-##	10~14P	12	5.5	20,000 / REEL	20,000 × 9 REELS = 180,000
	16~38P	16	7.5		20,000 × 7 REELS = 140,000
	40~70P	24	11.5		20,000 × 5 REELS = 100,000



SECT. X-X
(S=3:1)



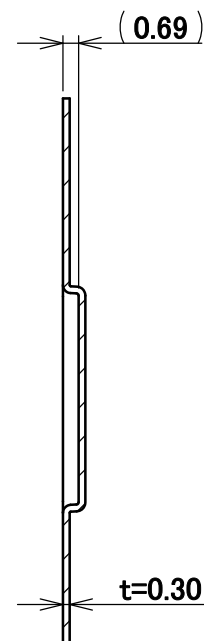
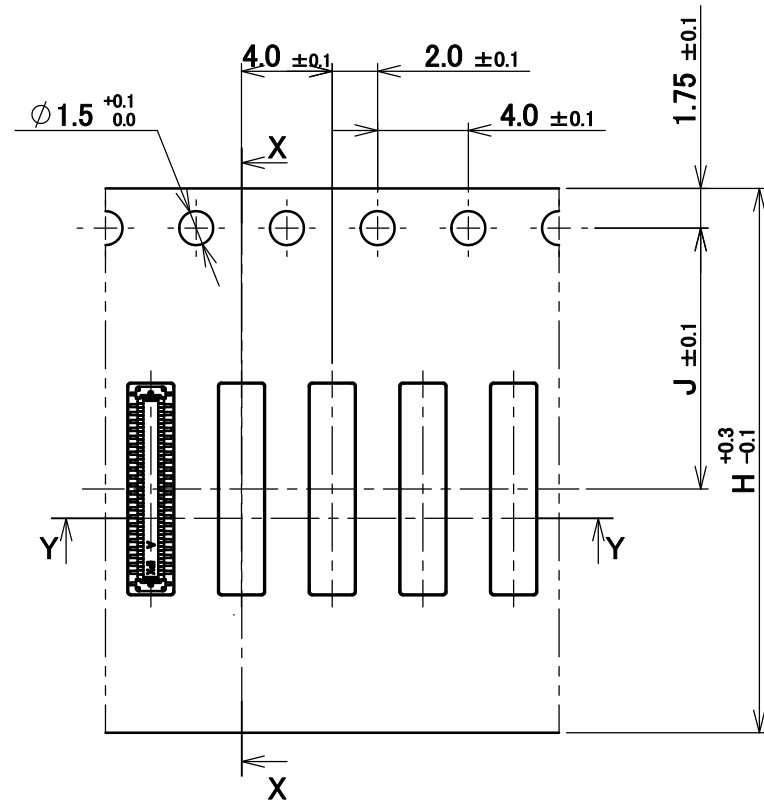
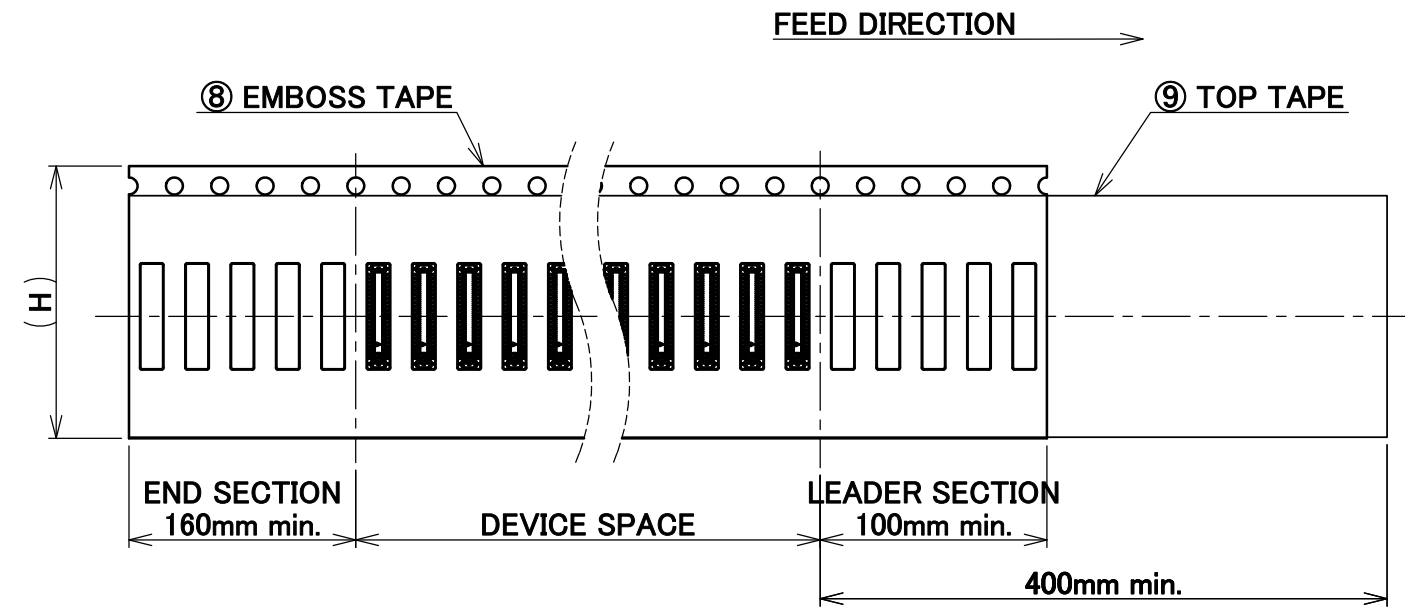
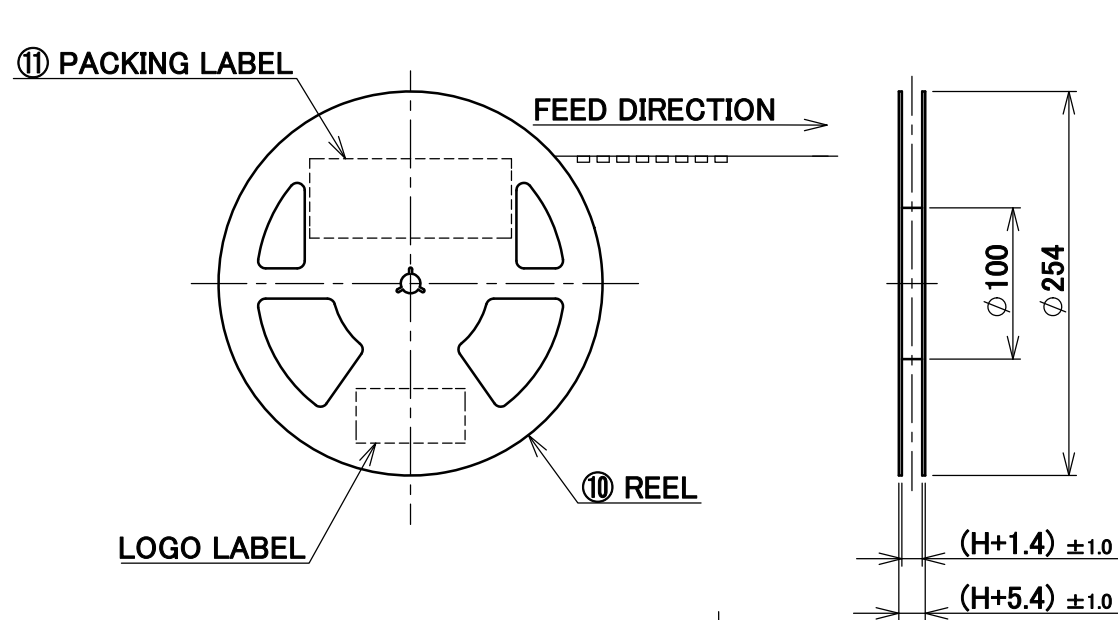
NOTES.

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

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

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1			
GENERAL TOLERANCE.				TITLE	SCALE		1:X	
DWG.	DATE			NOVASTACK® 35-P PLUG ASS'Y	UNIT	mm		
CHK.					SIZE	SHEET	REV.	
APP.				DWG. No.	20708	A3	5/6	13

PART NO.	Pos.	H	J	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20708-0**E-##-M	10~14P	12	5.5	5,000 / REEL	5,000 × 9 REELS = 45,000
	16~38P	16	7.5		5,000 × 7 REELS = 35,000
	40~70P	24	11.5		5,000 × 5 REELS = 25,000



SECT. X-X
(S=3:1)



SECT. Y-Y
(S=3:1)

NOTES.

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

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
11	PACKING LABEL	-	-
10	REEL	PS	ANTI-STATIC TYPE BLACK
9	TOP TAPE	PET t=0.062 TRANSPARENCY	ANTI-STATIC TYPE
8	EMBOSS TAPE	TRANSPARENCY	ANTI-STATIC TYPE

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R1	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5			
GENERAL TOLERANCE.				TITLE NOVASTACK® 35-P PLUG ASS'Y	SCALE 1:X	UNIT mm
DWG.	DATE					
CHK.						
APP.						
DWG. No. 20708				SIZE A3	SHEET 6/6	REV. 13