

Recommended P/N 20708-0**E-01-□

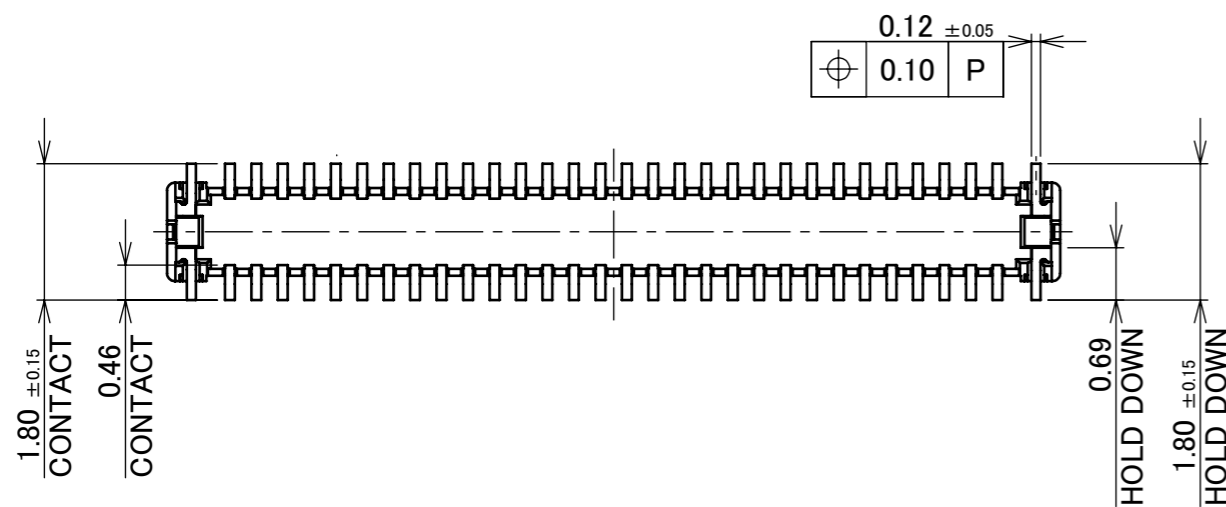
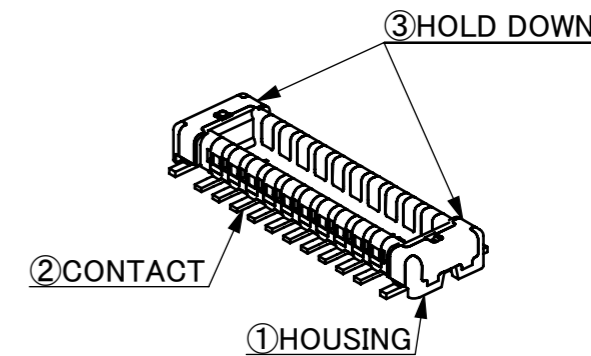
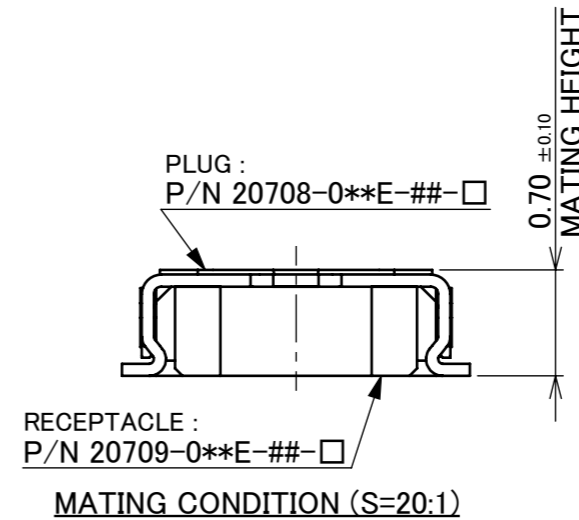
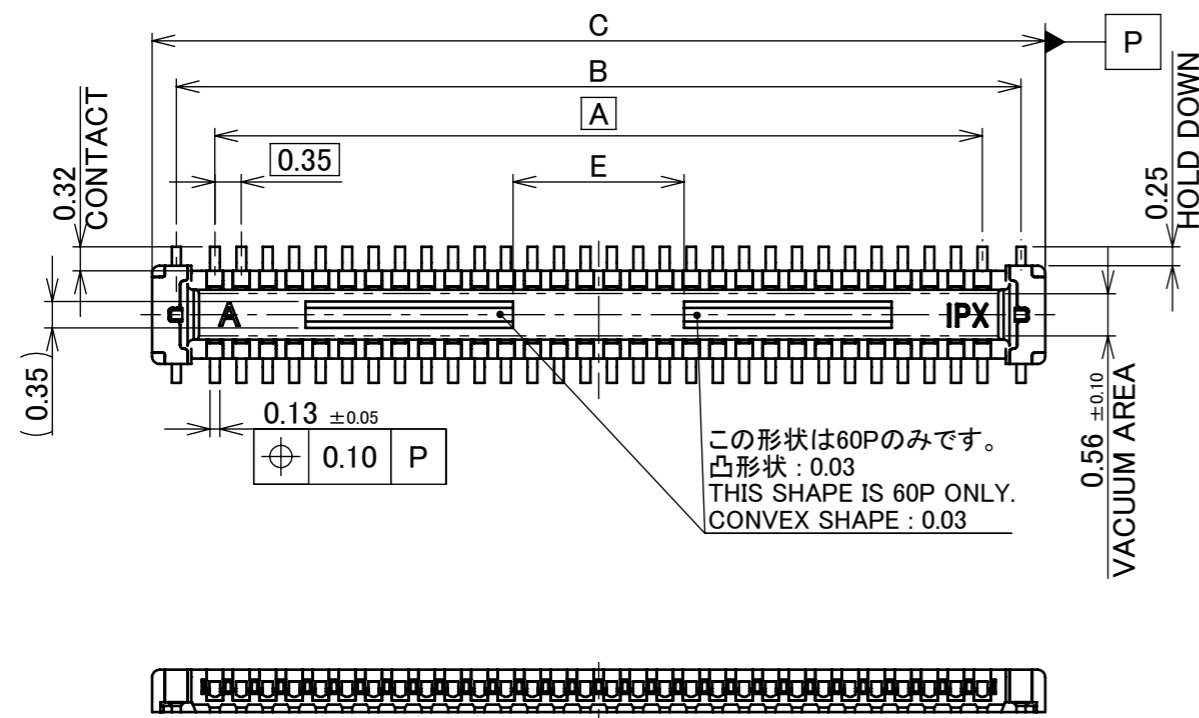
PART No.	Pos.	A	B	C	D	E	PART No. 20708-0**E-##-□	CONDUCTIVITY TYPE (##)	QTY. IN REEL (□)	APPLICABLE POSITION NUMBER (**)									
										-	-	-	-	-	-	34	40	50	-
20708-010E-##-□	10	1.40	2.42	3.06	3.92	-	20708-0**E	NORMAL(NONE)	20,000(NONE)	-	-	-	-	-	-	34	40	50	-
20708-014E-##-□	14	2.10	3.12	3.76	4.62	-	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



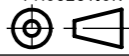
RoHS Compliant



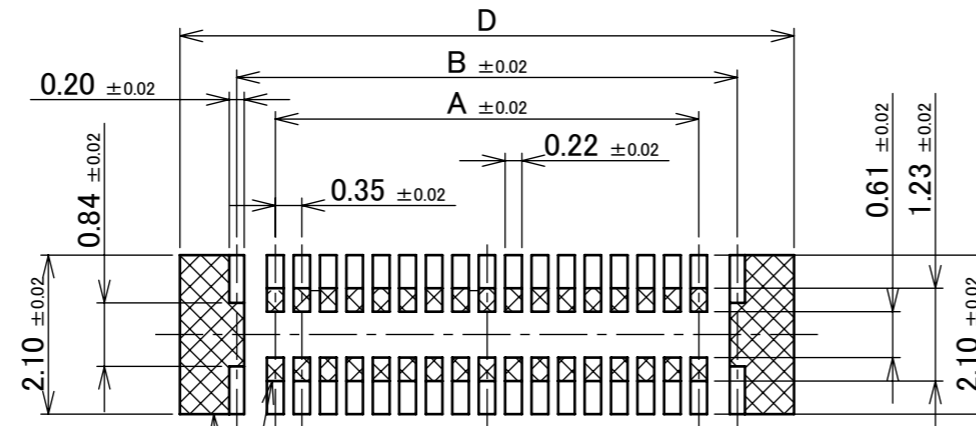
NO.	DISCRIPTION	MATERIAL	FINISH, REMARKS
3	HOLD DOWN	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.1 μm MIN. SOLDERING PART Au 0.01 μm MIN.
2	CONTACT	PHOSPHOR BRONZE P/N : 20708-0**E CORSON ALLOY P/N : 20708-0**E-00-M	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.1 μm MIN. SOLDERING PART Au 0.01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

NO.	DISCRIPTION	MATERIAL	FINISH, REMARKS									
14	Z241236	Haji	2024/09/11	S.S	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R1	CUSTOMER COPY	
13	Z220204	K.W	2022/02/28	Y.H	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5				
12	Z190514	R.S	2019/04/12	TAK	GENERAL TOLERANCE.			TITLE NOVASTACK® 35-P PLUG ASSEMBLY	SCALE 10:1	UNIT mm	I-PEX	
11	Z180678	R.H	2018/05/28	TAK	DWG.	DATE						2015/08/20
10	Z171526	Y.B	2017/12/27	TAK	T.Hirakawa							
9	Z171285	T.F	2017/11/08	TAK	CHK.	T.Tagawa		DWG. No. 20708	SIZE A3	SHEET 1/6	REV. 14	
REV.	ECN	BY	DATE	APP.	APP.	E.Kawabe						

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***	

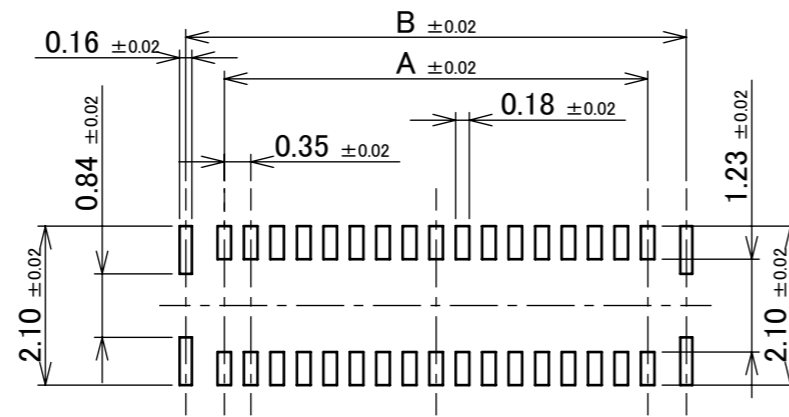
ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R1	CUSTOMER COPY		
	6 MAX.	± 0.2	30 OVER 120 MAX.					
GENERAL TOLERANCE.				TITLE NOVASTACK® 35-P PLUG ASSEMBLY	SCALE	I-PEX		
DWG.	DATE							
CHK.								
APP.								
DWG. No.	20708			SIZE	SHEET	REV.		
				A3	2/6	14		

PART No.	Pos.	F
20708-010E-##-□	10	4.10
20708-014E-##-□	14	4.80
20708-018E-##-□	18	5.50
20708-020E-##-□	20	5.85
20708-024E-##-□	24	6.55
20708-030E-##-□	30	7.60
20708-034E-##-□	34	8.30
20708-040E-##-□	40	9.35
20708-050E-##-□	50	11.10
20708-060E-##-□	60	12.85



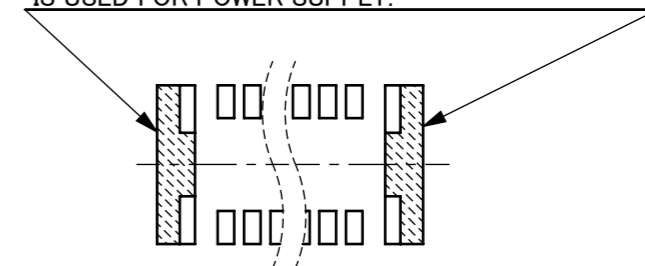
半田上がり防止の為、半田付けをしないで下さい。
 パターンを設けるときは、レジストもしくはカバーレイを設けて下さい。
 MUST BE NOT SOLDERING AREA FOR PREVENT FROM SOLDER WICKING.
 MUST BE COVER LAY OR RESIST COATING ON THE PATTERN.

RECOMMENDED PATTERN LAYOUT

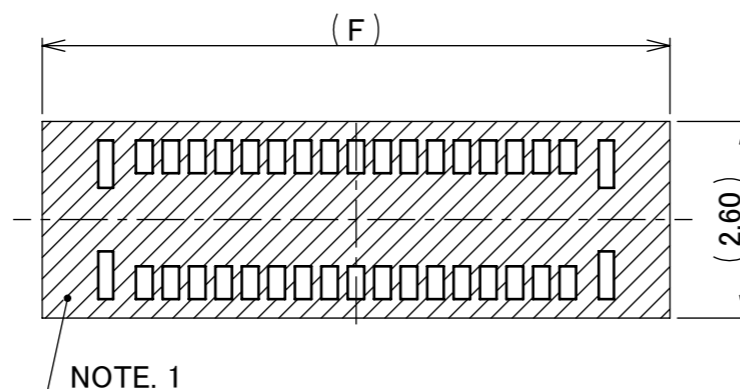


RECOMMENDED METAL MASK LAYOUT
 THICKNESS : 0.10 mm

ホール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.



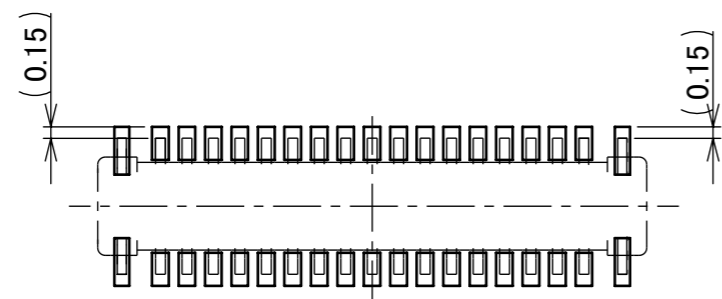
HOLD DOWN PAD LAYOUT
 USED FOR POWER SUPPLY.



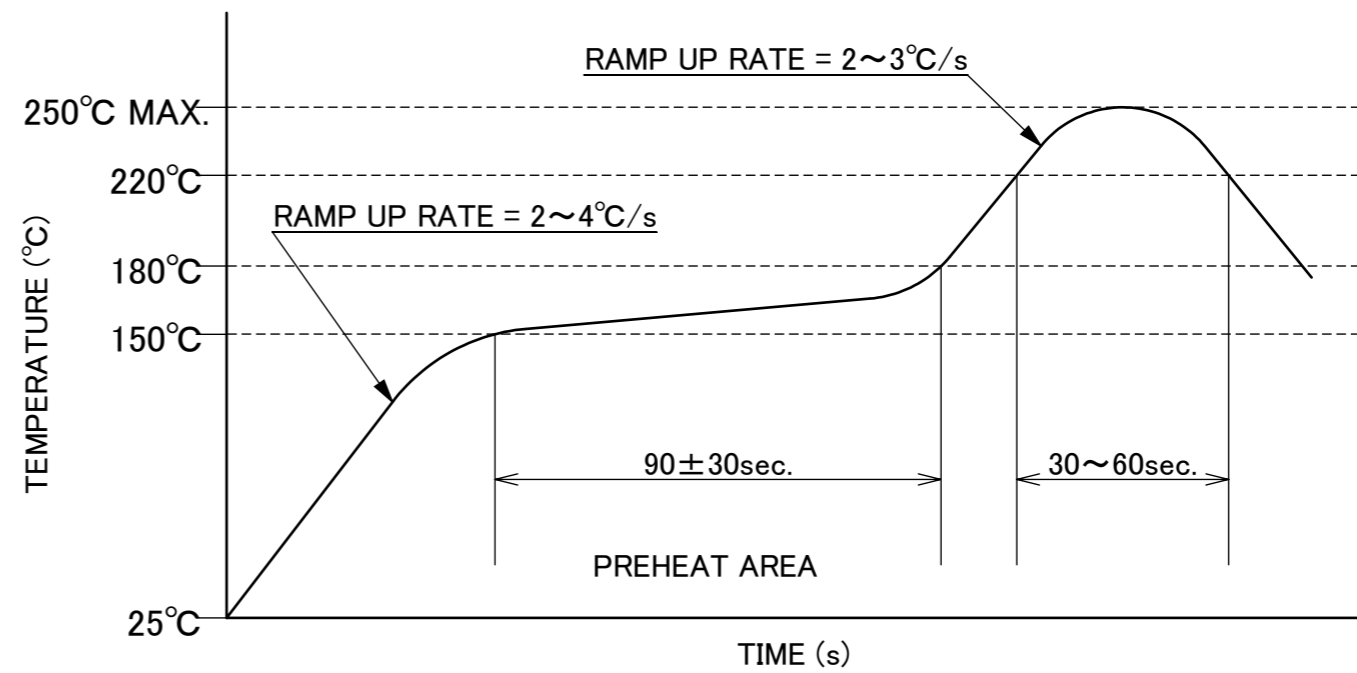
NOTE. 1

NOTES.
 1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

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 ASSEMBLY	10:1		
CHK.					UNIT		
APP.					mm		
				DWG. No.	SIZE	SHEET	REV.
				20708	A3	3/6	14



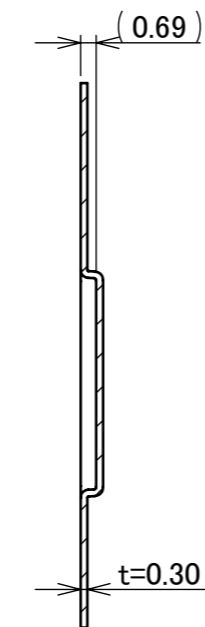
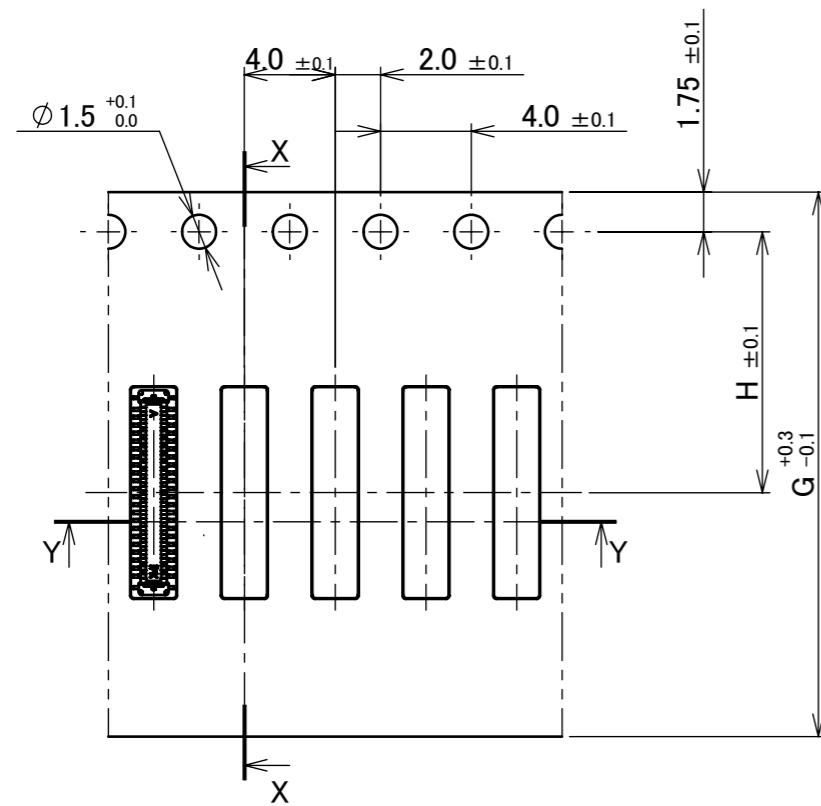
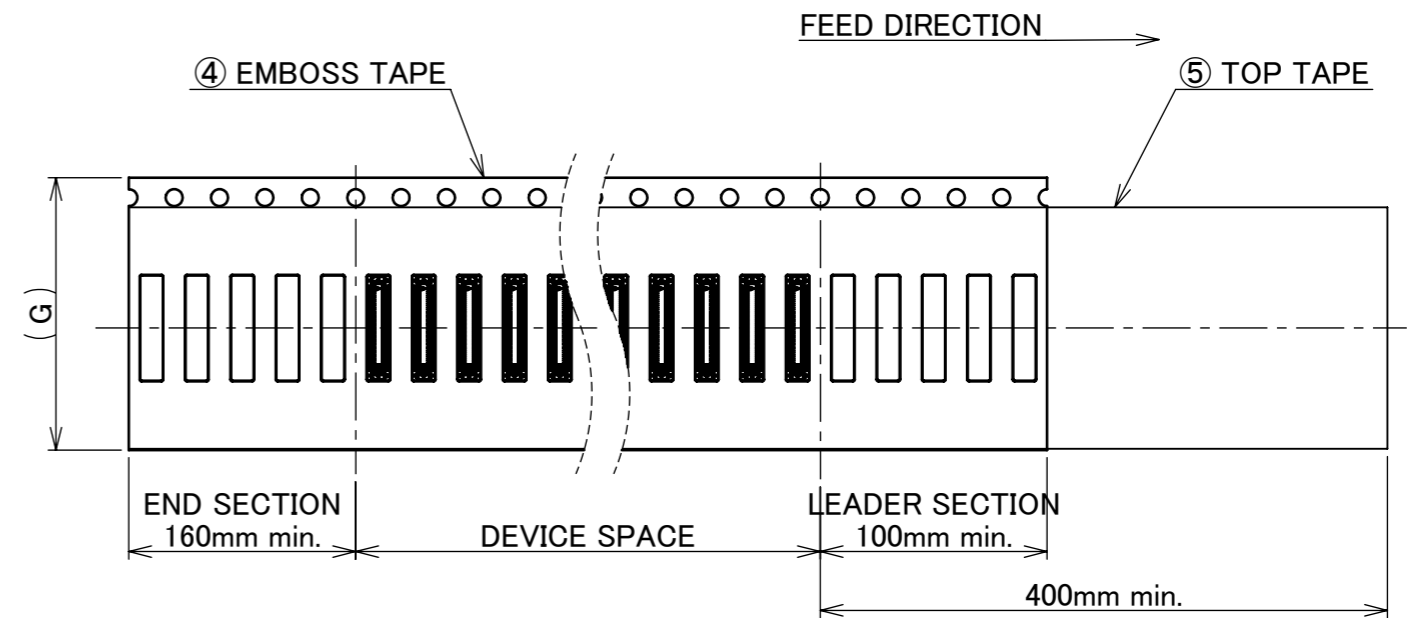
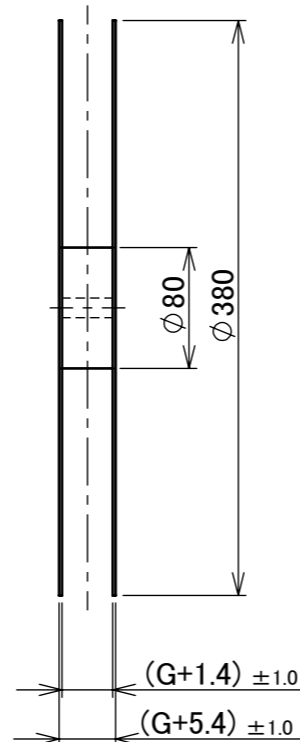
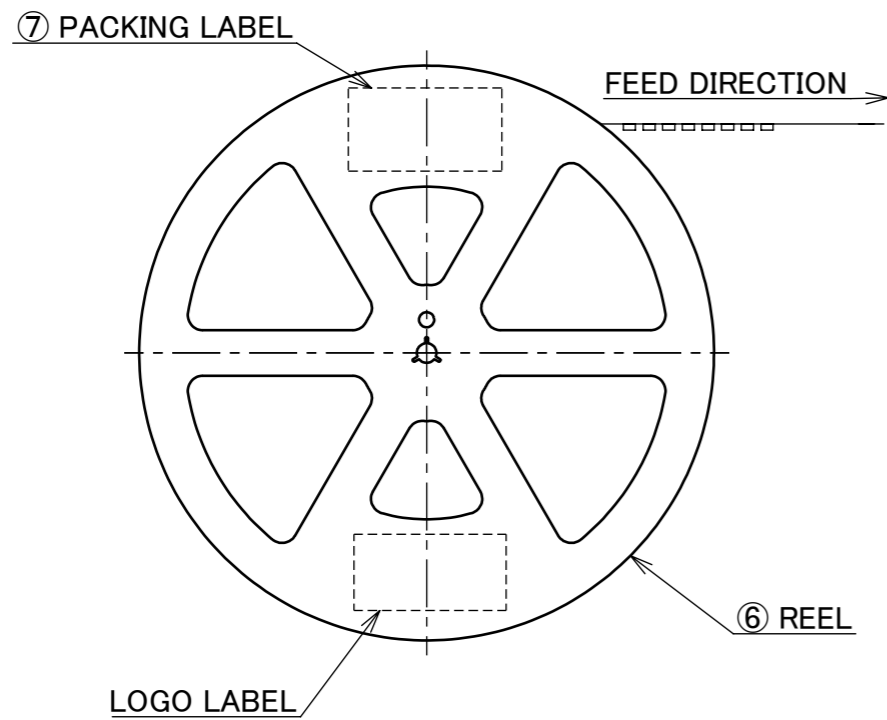
CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



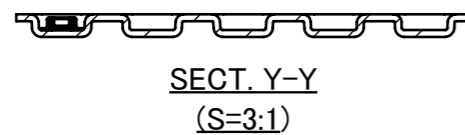
REFLOW TEMPERATURE PROFILE
 SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

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

PART NO.	Pos.	G	H	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)



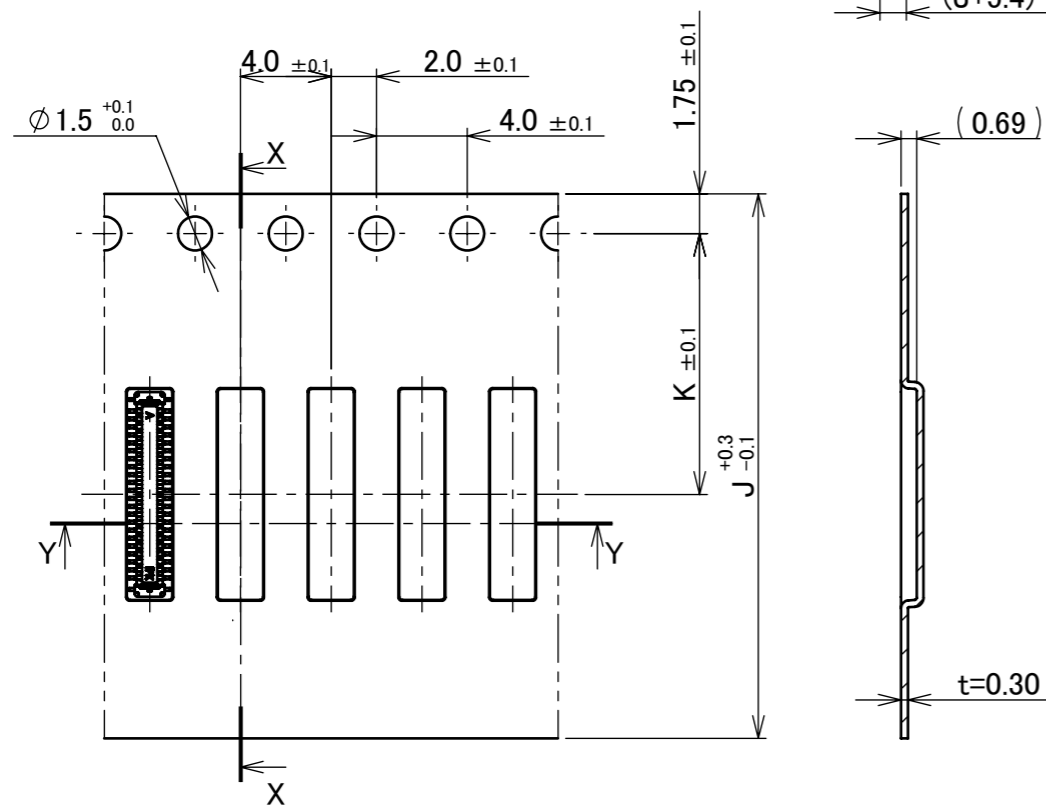
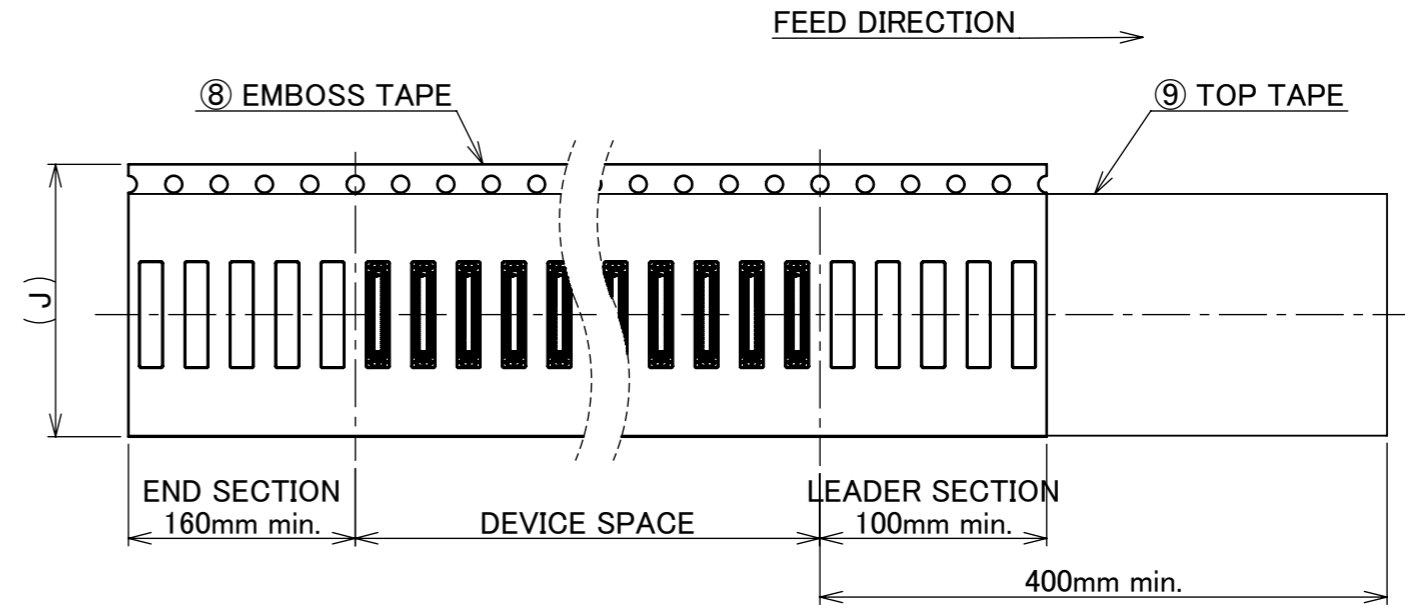
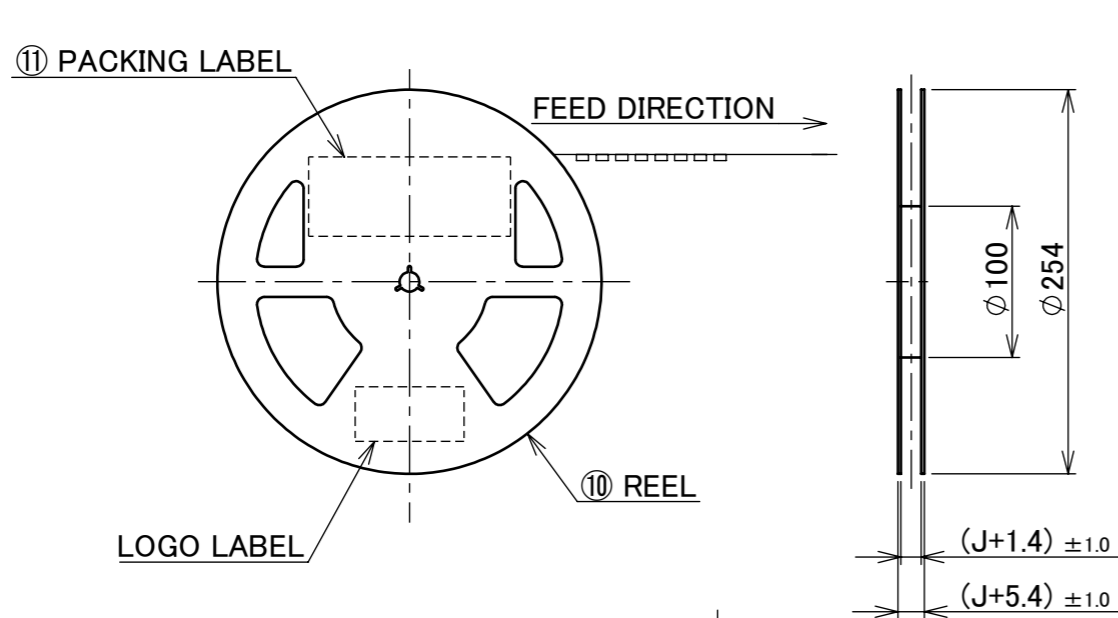
NOTES.

- 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	I-PEX		
DWG.	DATE		NOVASTACK® 35-P PLUG ASSEMBLY	1:X				
CHK.				UNIT				
APP.				mm				
				DWG. No.	20708	SIZE	SHEET	REV.
						A3	5/6	14

PART NO.	Pos.	J	K	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



- 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
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	SCALE	I-PEX
DWG.	DATE			NOVASTACK® 35-P PLUG ASSEMBLY	1:X	
CHK.					UNIT	
APP.					mm	
				DWG. No.	20708	SIZE
						A3
						SHEET
						6/6
						REV.
						14