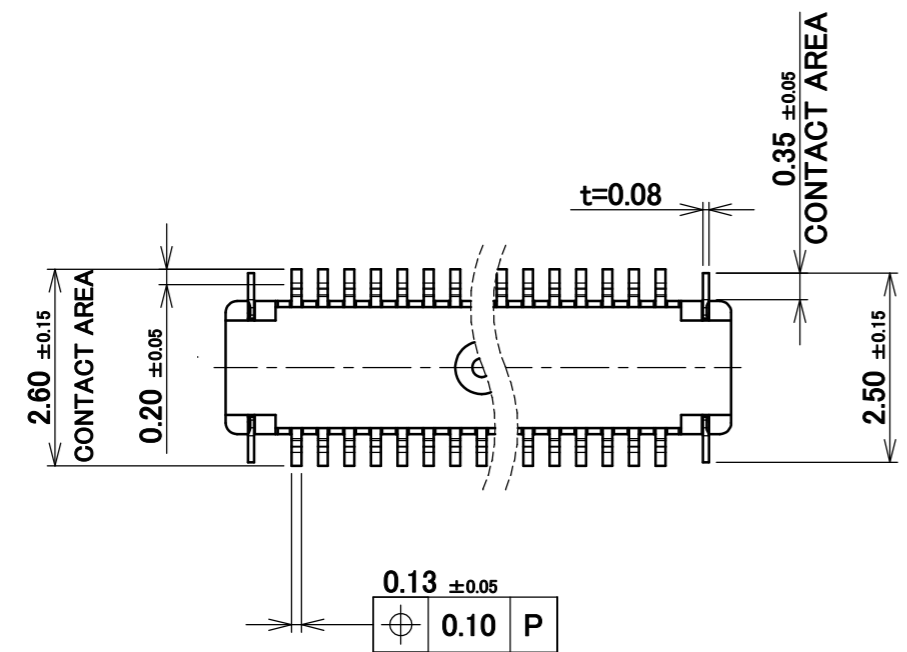
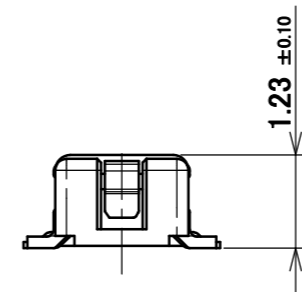
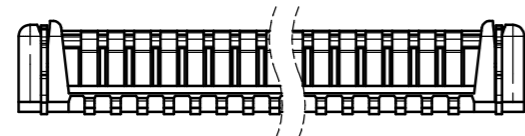
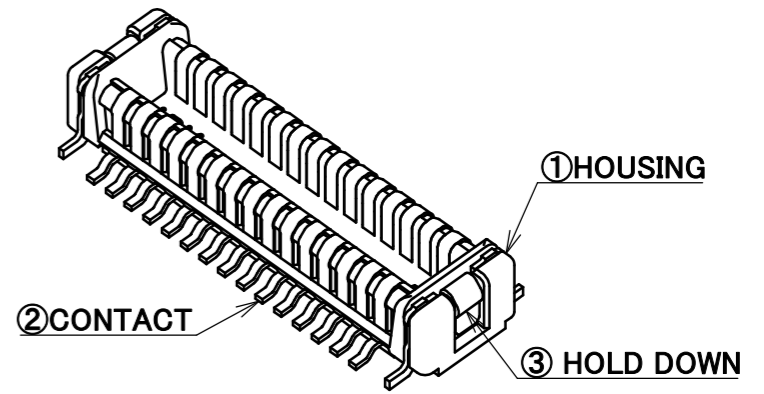
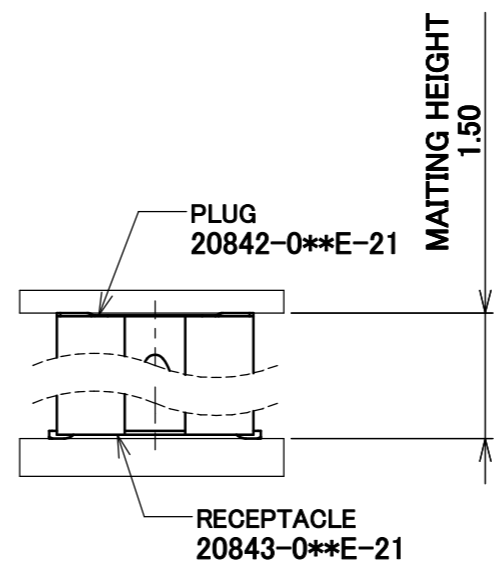
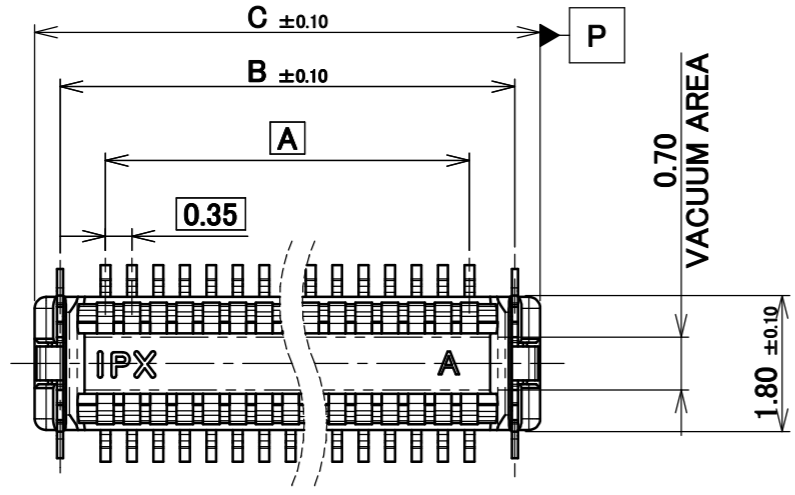
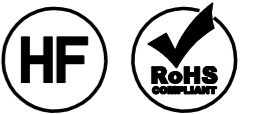


Recommended P/N 20842-0\*\*E-21

PART No.	Pos	A	B	C
20842-010E-21	10	1.40	2.60	3.27
20842-030E-21	30	4.90	6.10	6.77
20842-040E-21	40	6.65	7.85	8.52
20842-050E-21	50	8.40	9.60	10.27



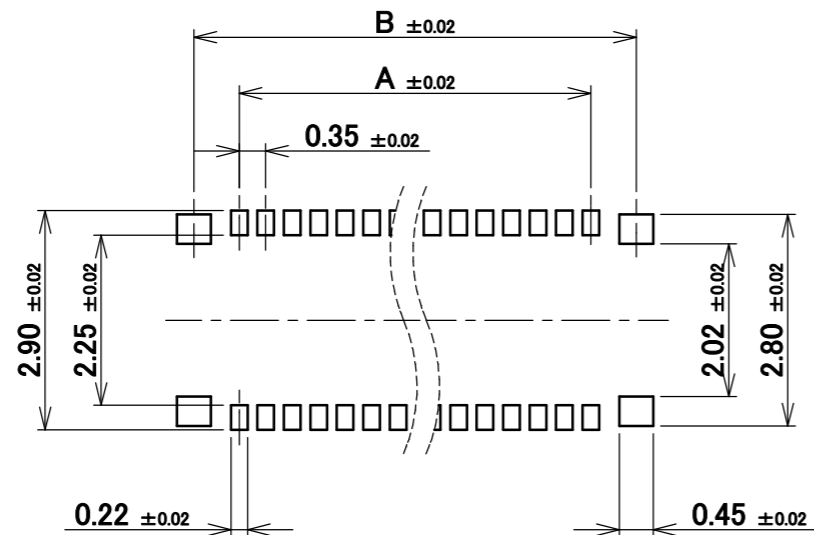
3	HOLD DOWN	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.10 μm MIN. SOLDERING PART Au 0.01 μm MIN.
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.10 μm MIN. SOLDERING PART Au 0.01 μm MIN.
1	HOUSING	LCP	UL94V-0, BEIGE
NO.	DESCRIPTION	MATERIAL	FINISH, REMARKS

REVISION RECORD					ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
3	Z190998	KAG	Jul./29/'19	Y.S	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1	CUSTOMER COPY		
2	Z190298	R.S	Mar./01/'19	TAK	GENERAL TOLERANCE.							R1	CUSTOMER COPY
1	Z181014	R.H	Aug./01/'18	TAK	DWG.	T.Fukushima	DATE		2018/03/23	TITLE	NOVASTACK® 35-PH PLUG ASS'Y		
0	Z180373	T.F	Mar./23/'18		CHK.	S.Hamada	DATE		2018/03/23	SCALE	10:1		
REV.	ECN	BY	DATE	APP.	APP.	T.Hirakawa	DATE	2018/03/23	DWG. No.	20842	UNIT	mm	
									SIZE	A3	SHEET 1/5	REV. 3	

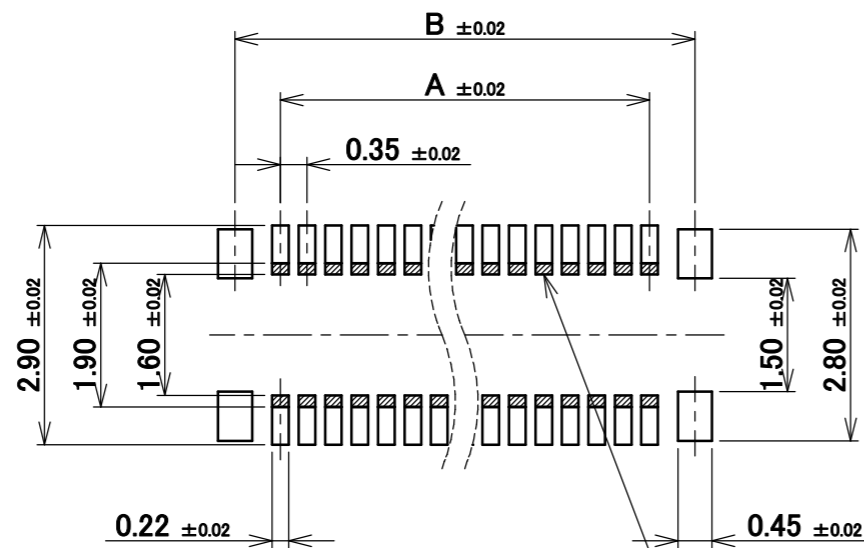
ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC (r.m.s)/DC (PER A CONTACT)
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.3A MAX. AC/DC (PER A CONTACT) 40P AND OVER : 12.0A MAX. AC/DC(TOTAL)
RATING AMPERAGE (FOR POWER CONTACT)	3.0A MAX. AC/DC (PER A CONTACT)/ 6.0A MAX. AC/DC (TOTAL)
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 80mohm MAX. / AFTER TEST : $\triangleleft$ 20mohm MAX.
CONTACT RESISTANCE (FOR POWER CONTACT)	INITIAL : 80mohm MAX. / AFTER TEST : $\triangleleft$ 20mohm MAX.
INSULATION RESISTANCE	INITIAL : 1,000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC200V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL)	1.0N/PIN MAX.
UNMATING FORCE (AFTER TEST)	0.15N/PIN MIN.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2463
TEST REPORT	TR-18014
PACKING STANDARD	PST-17082
INSTRUCTION MANUAL	HIM-18017
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	$\pm 0.3$	PROJECTION 	SERIES No. <b>R1</b>	CUSTOMER COPY
6 MAX.	$\pm 0.2$	30 OVER 120 MAX.	$\pm 0.5$			
GENERAL TOLERANCE.				TITLE <b>NOVASTACK® 35-PH PLUG ASS'Y</b>	SCALE	<b>I-PEX</b>
DWG.	DATE					
CHK.	DATE					
APP.	DATE					
DWG. No.				<b>20842</b>	UNIT <b>mm</b>	SIZE <b>A3</b>
				SHEET <b>2/5</b>	REV. <b>3</b>	

PART No.	Pos	A	B	C
20842-010E-21	10	1.40	2.60	3.27
20842-030E-21	30	4.90	6.10	6.77
20842-040E-21	40	6.65	7.85	8.52
20842-050E-21	50	8.40	9.60	10.27



**RECOMMENDED METAL MASK LAYOUT (t=0.12)**

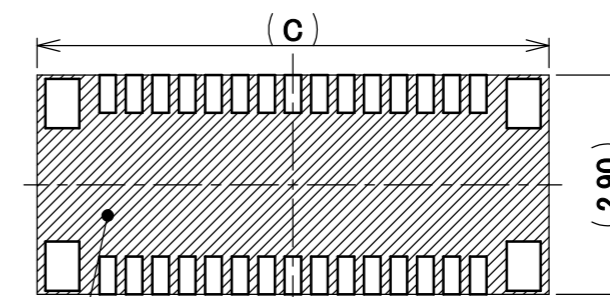


INSULATING AREA  
(ONLY THE SAME SIGNAL CAN BE ARRANGE IN PATTERN)

**RECOMMENDED PAD LAYOUT  
AND RESIST OR COVER LAY AREA**

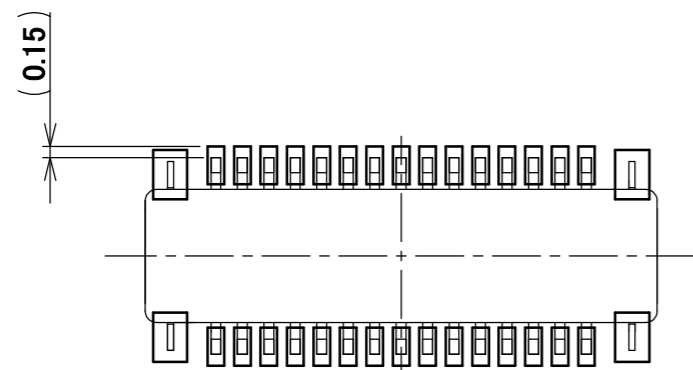
**NOTES.**

1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

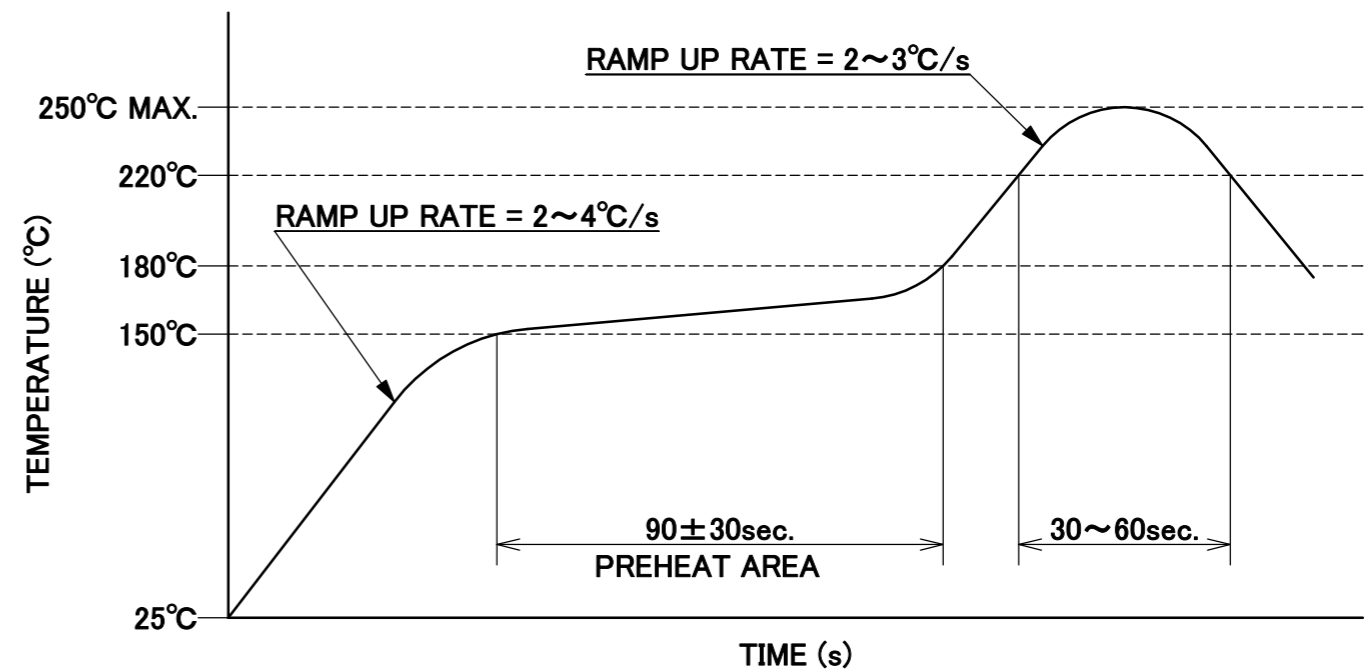


**NOTE. 1**

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-PH PLUG ASS'Y	10:1	
CHK.	DATE				UNIT	
APP.	DATE			DWG. No.	mm	
				20842	SIZE	SHEET 3/5 REV. 3
					A3	



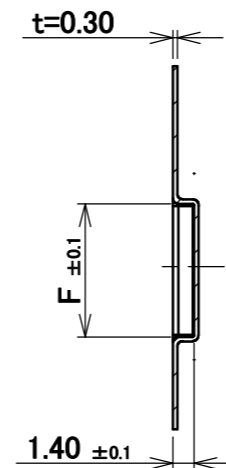
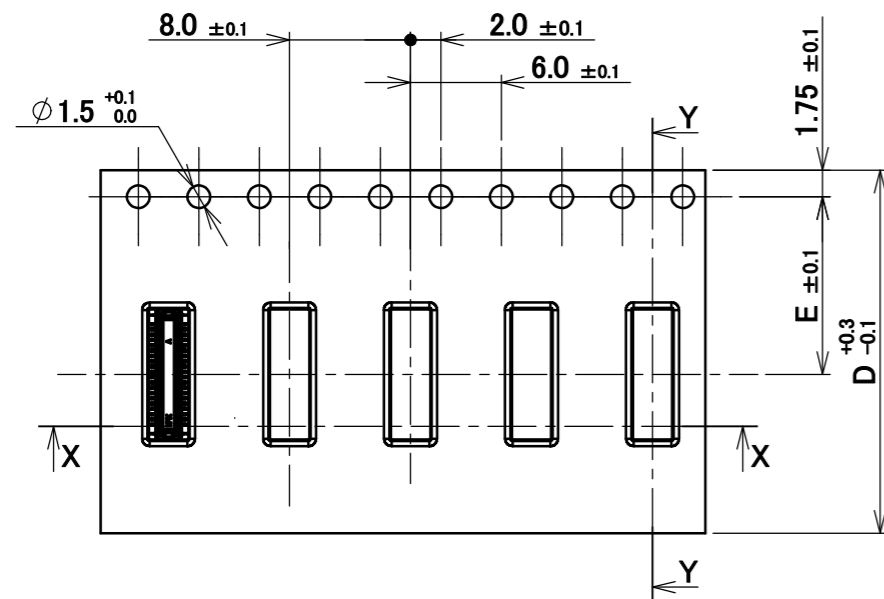
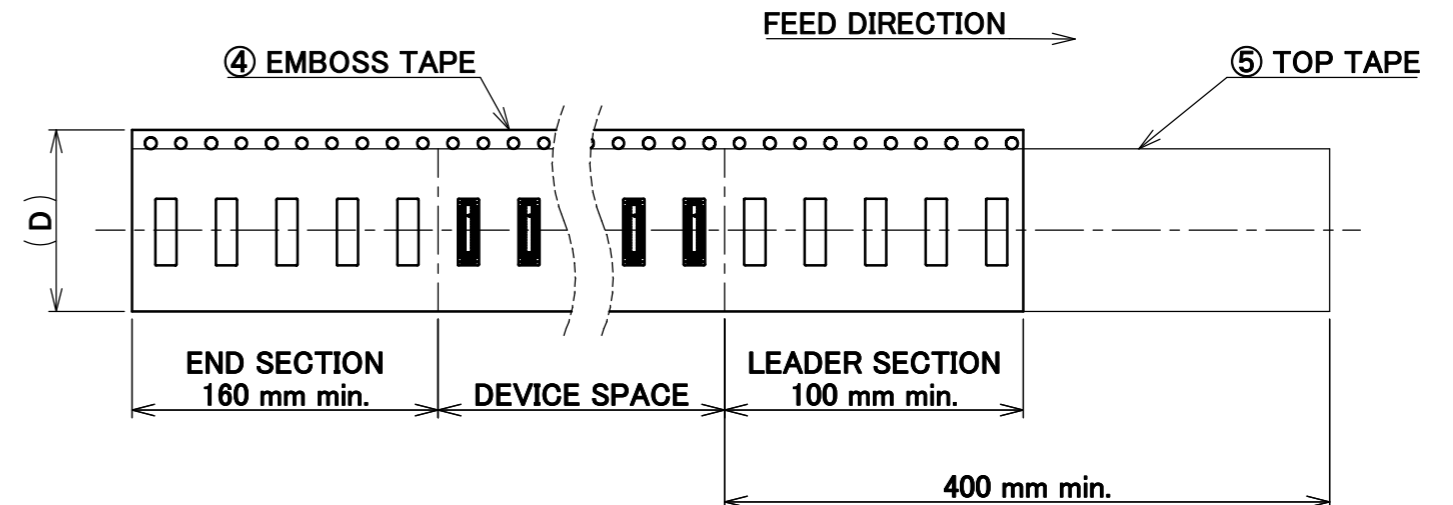
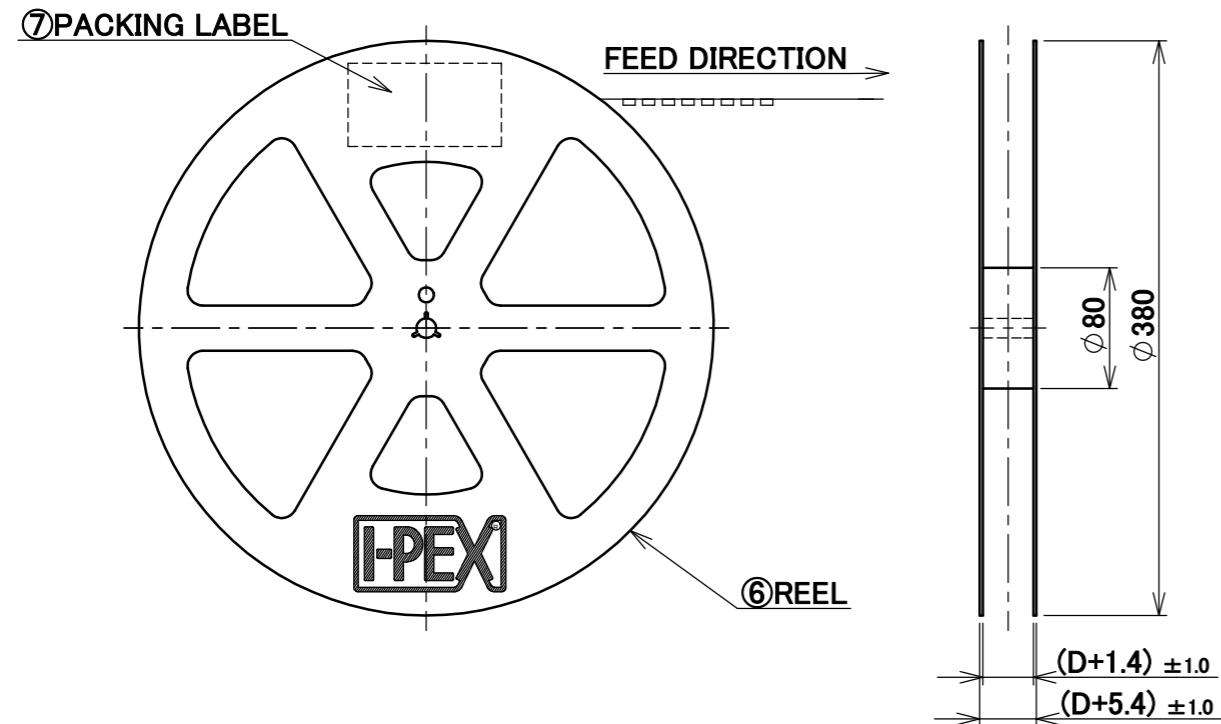
**CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN**



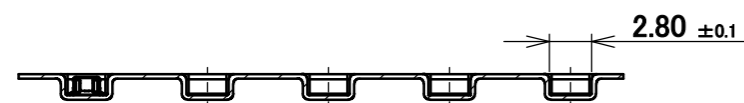
**REFLOW TEMPERATURE PROFILE**  
**SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)**

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 NOVASTACK® 35-PH PLUG ASS'Y	SCALE 10:1	UNIT mm <b>I-PEX</b>	
DWG.	DATE						
CHK.	DATE						
APP.	DATE						
				DWG. No.	20842	SIZE A3	SHEET 4/5 REV. 3

PART NO.	Pos.	D	E	F	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON
20842-0**E-21	10P	12.0	5.5	3.55	5,000 / REEL	5,000 × 9 = 45,000
	30P	16.0	7.5	7.05		5,000 × 7 = 35,000
	40P	24.0	11.5	8.80		5,000 × 5 = 25,000
	50P			10.55		



SECT. Y-Y  
(S= 2 : 1)



SECT. X-X  
(S= 2 : 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.	DESCRIPTION	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	PS 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	NOVASTACK® 35-PH PLUG ASS'Y	SCALE	
DWG.	DATE					1:X	
CHK.	DATE					UNIT	mm
APP.	DATE					DWG. No.	20842
					SIZE	A3	SHEET 5/5 REV. 3