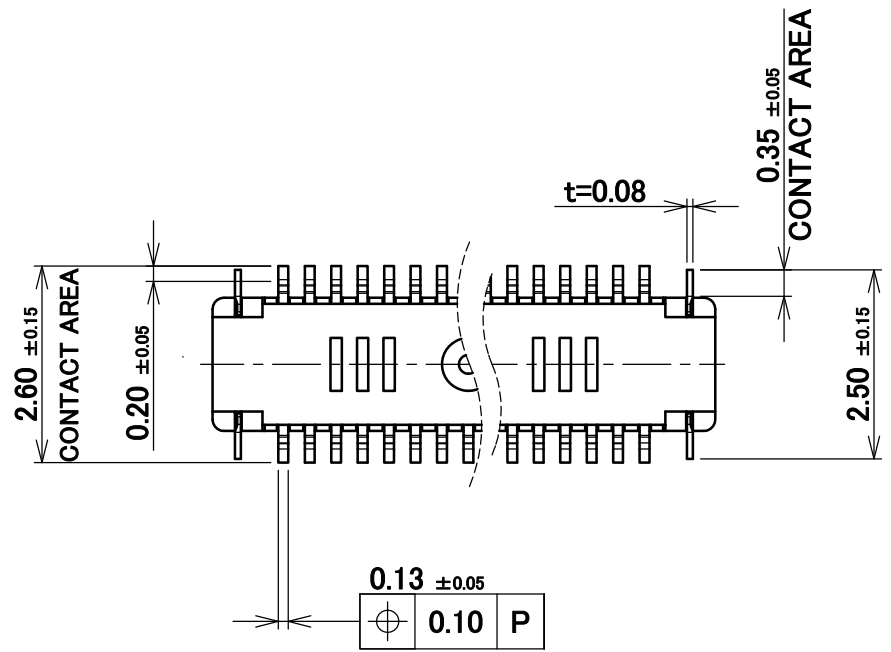
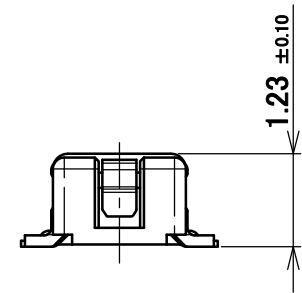
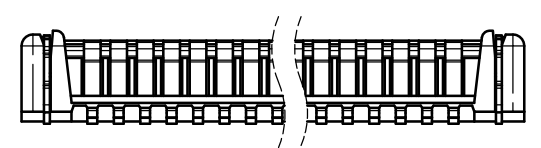
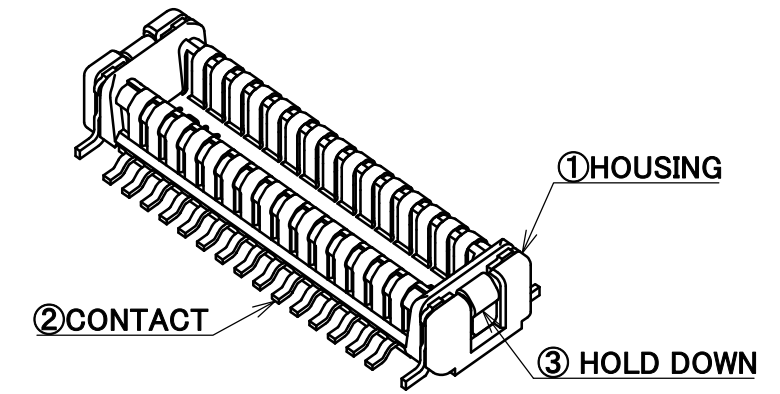
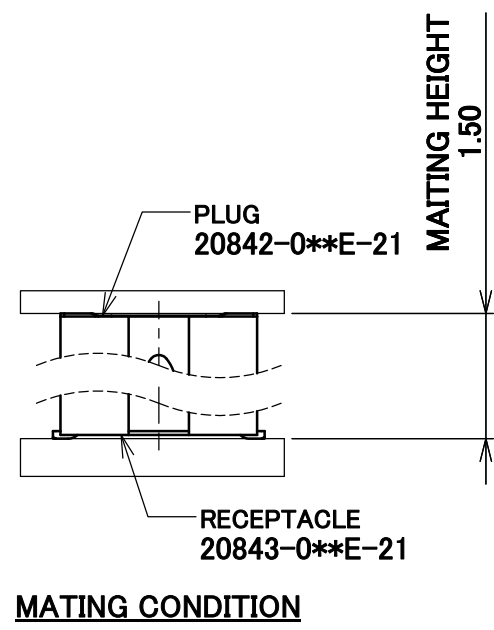
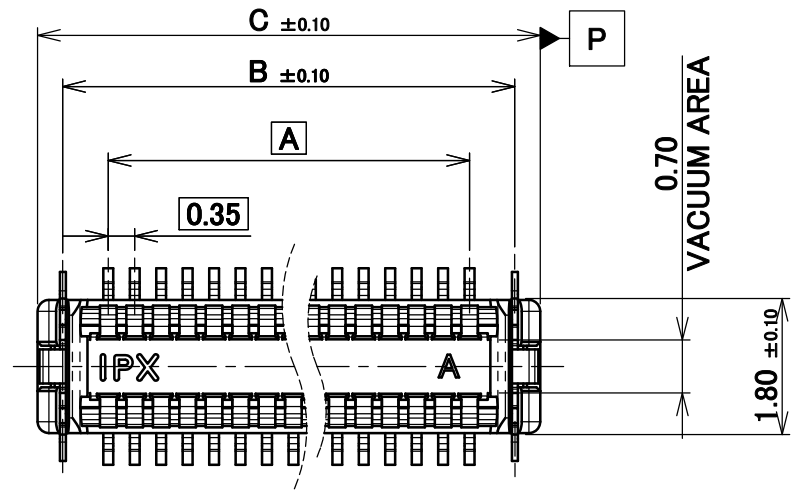


Recommended P/N 20842-0\*\*E-21

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



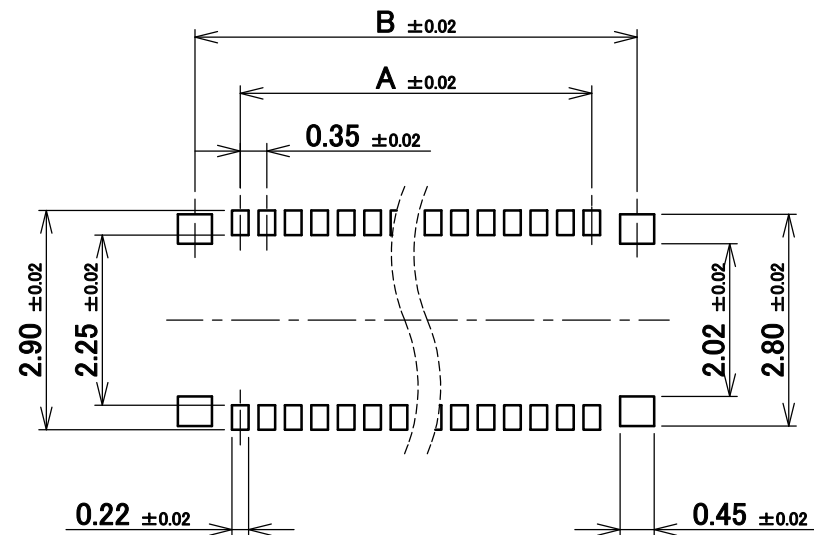
NO.	DESCRIPTION	MATERIAL	FINISH, REMARKS
3	HOLD DOWN	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.10 μm MIN. SOLDERING PART Au 0.01 μm MIN.
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.10 μm MIN. SOLDERING PART Au 0.01 μm MIN.
1	HOUSING	LCP	UL94V-0, BEIGE

REV.	ECN	BY	DATE	APP.	ANGLE	PROJECTION	SERIES No.	CUSTOMER COPY	
4	Z220202	TSU	2022/02/25	Y.H	±2° 6 OVER 30 MAX. ±0.3		R1	CUSTOMER COPY	
3	Z190998	KAG	Jul./29/'19	Y.S	6 MAX. ±0.2 30 OVER 120 MAX. ±0.5				
2	Z190298	R.S	Mar./01/'19	TAK	GENERAL TOLERANCE.		TITLE NOVASTACK® 35-PH PLUG ASS'Y	SCALE 10:1	
1	Z181014	R.H	Aug./01/'18	TAK	DWG. T.Fukushima	DATE 2018/03/23			UNIT mm
0	Z180373	T.F	Mar./23/'18	CHK. S.Hamada	APP. T.Hirakawa				
REVISION RECORD					DWG. No. 20842		SIZE A3	SHEET 1/5	REV. 4

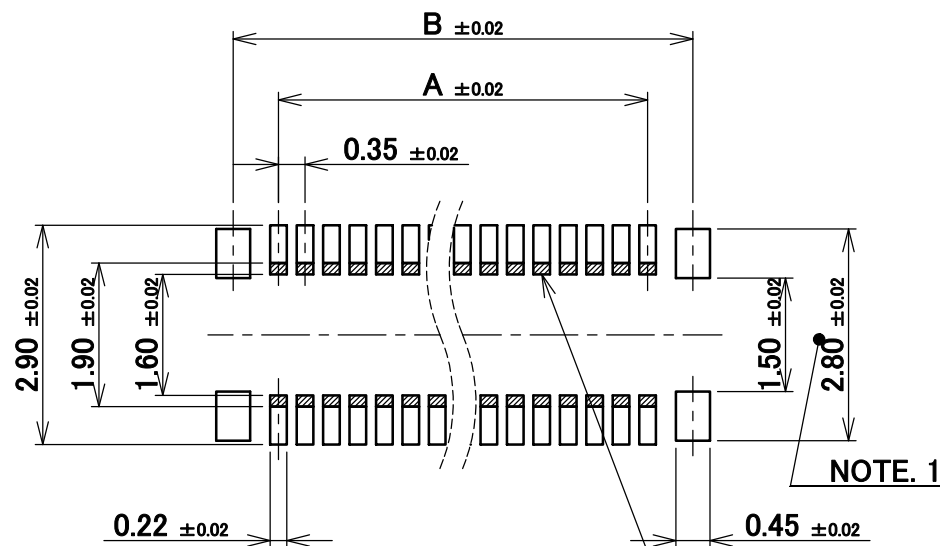
ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20843-0**E-21
RATING VOLTAGE	50V AC (r.m.s)/DC (PER CONTACT PIN)
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.3A MAX. AC/DC (PER CONTACT PIN) 40P AND OVER : 12.0A MAX. AC/DC(TOTAL)
RATING AMPERAGE (FOR POWER CONTACT)	3.0A MAX. AC/DC (PER CONTACT PIN)/ 6.0A 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.								
APP.								
				DWG. No.	<b>20842</b>	SIZE <b>A3</b>	SHEET <b>2/5</b>	REV. <b>4</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)**

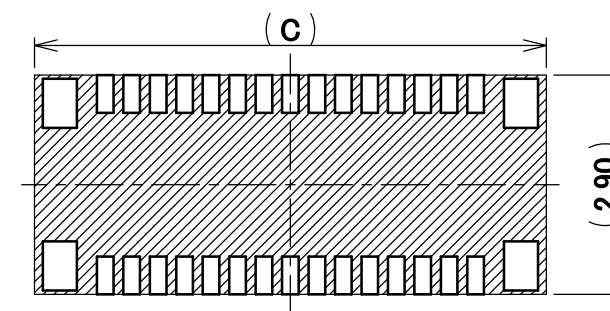


NOTE. 1

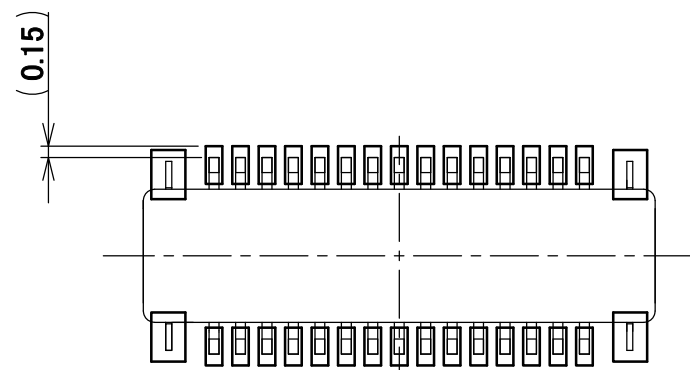
INSULATING AREA  
(ONLY THE SAME SIGNAL CAN BE ARRANGE IN PATTERN)

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

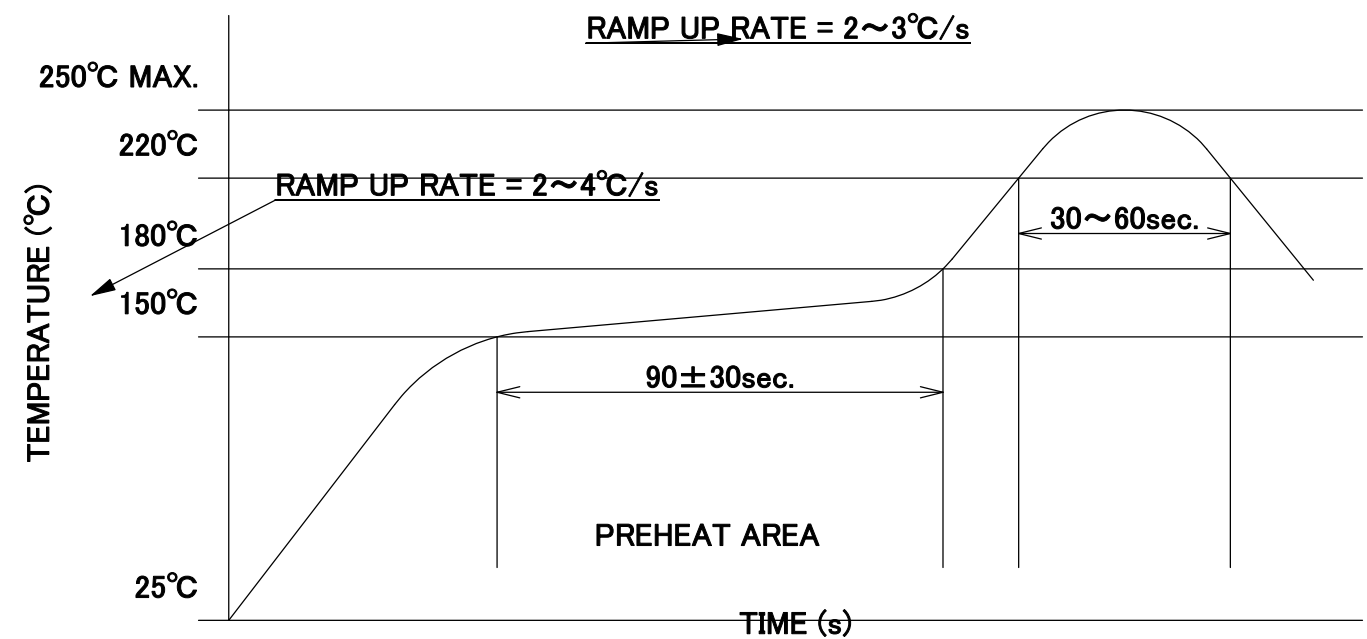
NOTES.  
1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.



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 <b>I-PEX</b>	
DWG.	DATE						
CHK.							
APP.							
DWG. No. 20842				SIZE A3	SHEET 3/5	REV. 4	



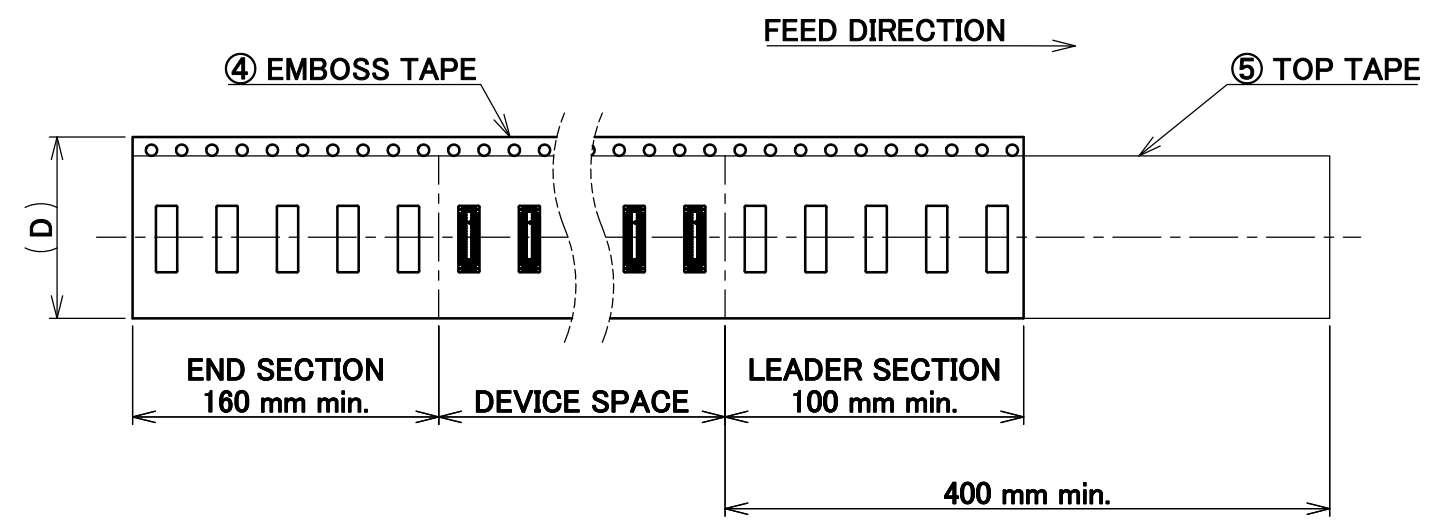
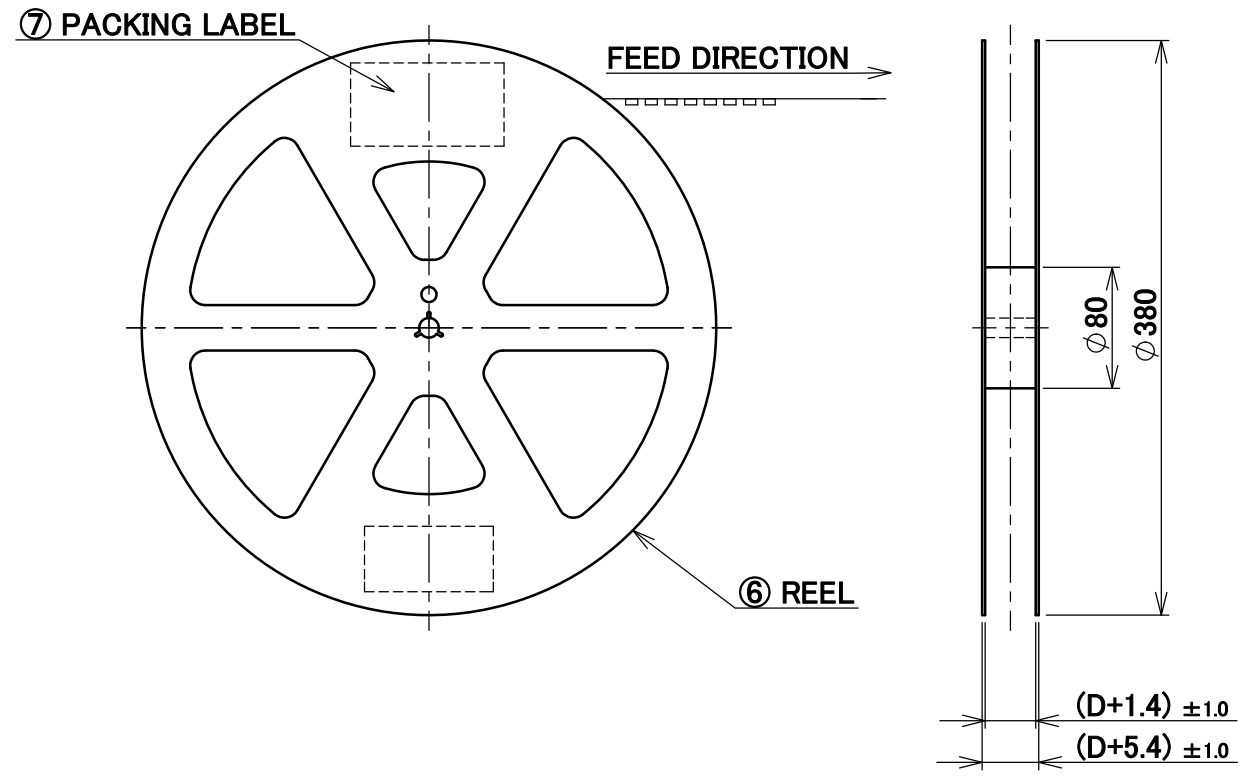
**CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN**



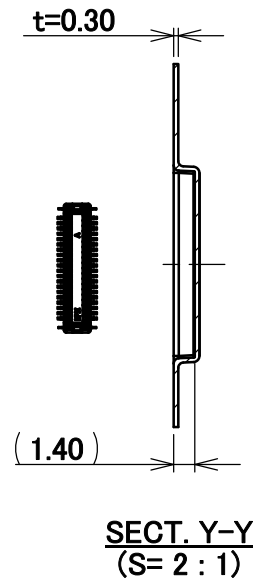
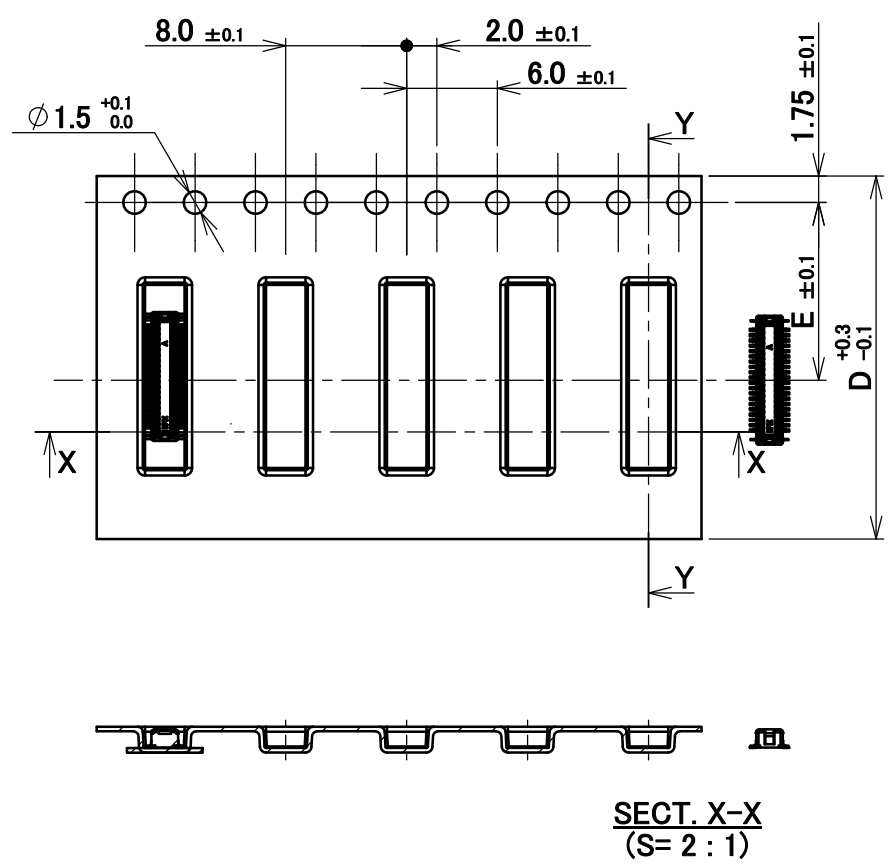
**REFLOW TEMPERATURE PROFILE**  
**SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)**

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 <b>I-PEX</b>		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20842	SIZE A3	SHEET 4/5	REV. 4

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		



- 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

NO.	DESCRIPTION	MATERIAL	FINISH, REMARKS
ANGLE	±2°	6 OVER 30 MAX.	±0.3
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5

GENERAL TOLERANCE.	TITLE	SCALE
DWG. DATE	NOVASTACK® 35-PH PLUG ASS'Y	1:X
CHK.		UNIT mm
APP.	DWG. No. 20842	SIZE SHEET REV. A3 5/5 4