

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

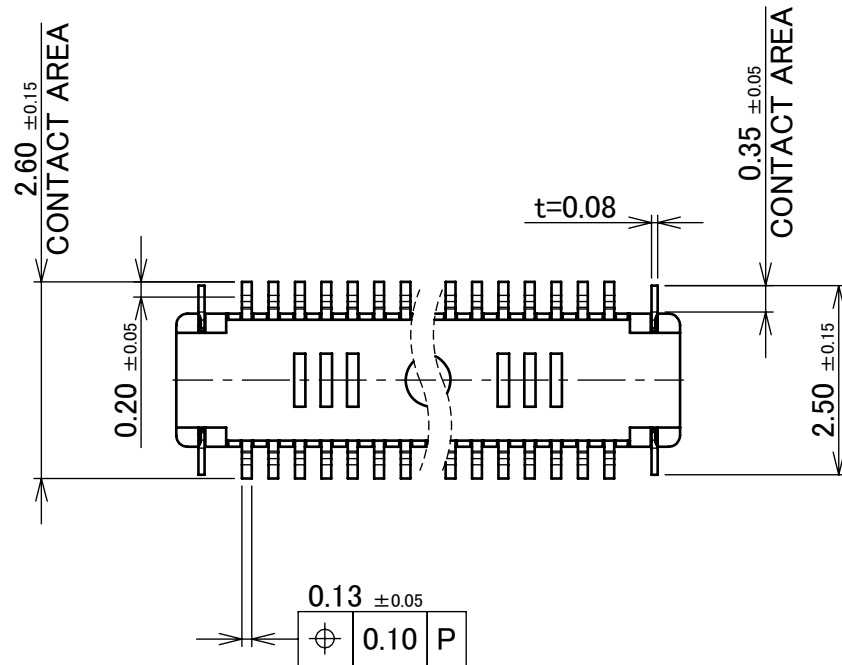
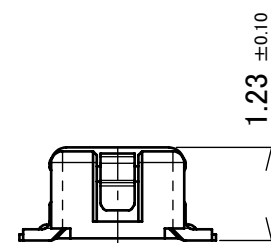
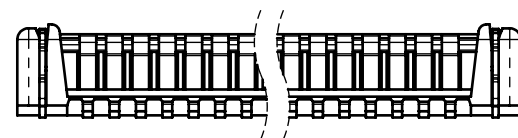
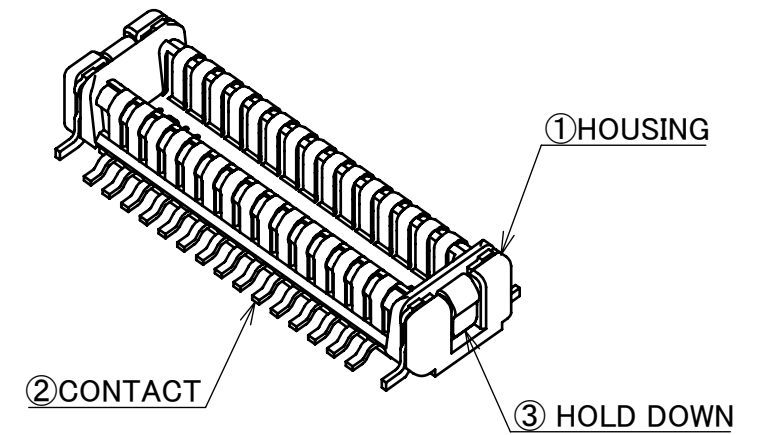
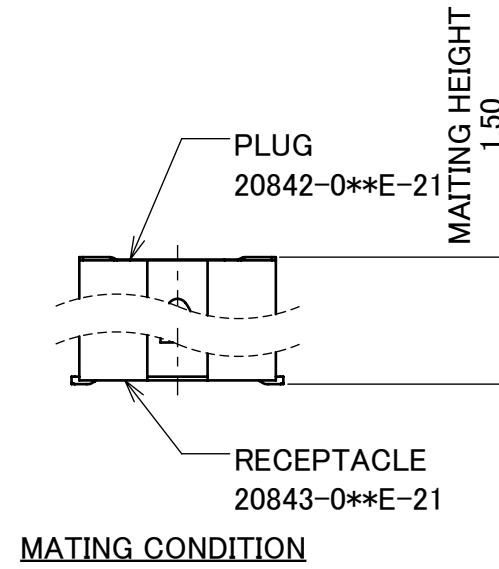
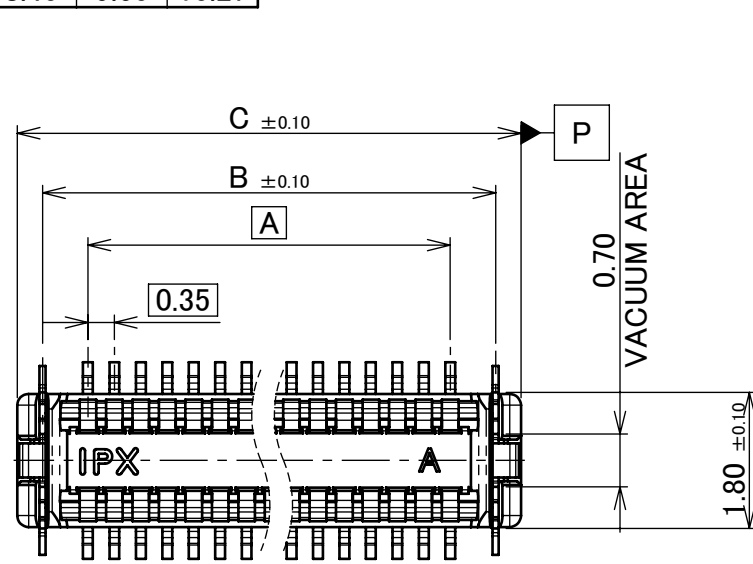
PART No.	Pos	A	B	C
20842-010E-21	10	1.40	2.60	3.27
20842-030E-21	30	4.90	6.10	6.77
20842-040E-21	40	6.65	7.85	8.52
20842-050E-21	50	8.40	9.60	10.27



Halogen Free



RoHS Compliant

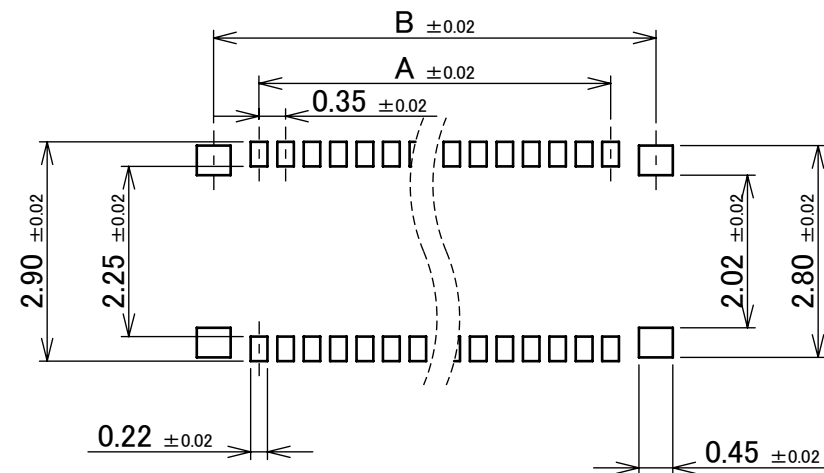


NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS								
3	HOLD DOWN	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.10 μm MIN. SOLDERING PART Au 0.01 μm MIN.								
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.10 μm MIN. SOLDERING PART Au 0.01 μm MIN.								
1	HOUSING	LCP	UL94V-0, BEIGE								
NO.		DESCRIPTION	MATERIAL	FINISH , REMARKS							
5	Z231318	Miya	Oct./30/'23	Y.H	ANGLE ±2° 6 OVER 30 MAX. ±0.3	PROJECTION SERIES No. R1	CUSTOMER COPY				
4	Z220202	TSU	2022/02/25	Y.H	6 MAX. ±0.2 30 OVER 120 MAX. ±0.5						
3	Z190998	KAG	Jul./29/'19	Y.S	GENERAL TOLERANCE.		TITLE NOVASTACK® 35-PH PLUG ASSEMBLY	SCALE 10:1	UNIT mm	I-PEX	
2	Z190298	R.S	Mar./01/'19	TAK	DWG. T.Fukushima	DATE 2018/03/23					
1	Z181014	R.H	Aug./01/'18	TAK	CHK. S.Hamada						
0	Z180373	T.F	Mar./23/'18		APP. T.Hirakawa						
REV.	ECN	BY	DATE	APP.	REVISION RECORD		DWG. No.	20842	SIZE A3	SHEET 1/5	REV. 5

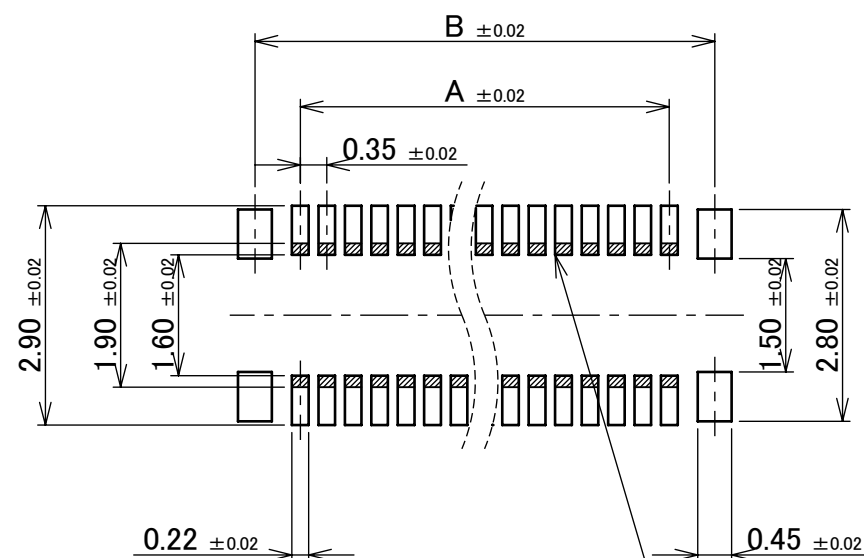
ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20843-0**E-21
RATING VOLTAGE	50V AC (r.m.s)/DC (PER CONTACT PIN)
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.3A MAX. AC/DC (PER CONTACT PIN) 40P AND OVER : 12.0A MAX. AC/DC(TOTAL)
RATING AMPERAGE (FOR POWER CONTACT)	3.0A MAX. AC/DC (PER CONTACT PIN)/ 6.0A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

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



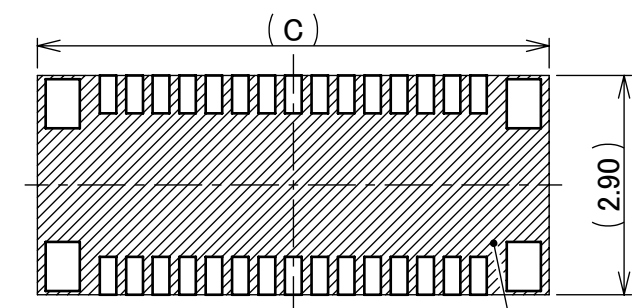
RECOMMENDED METAL MASK LAYOUT (t=0.12)



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

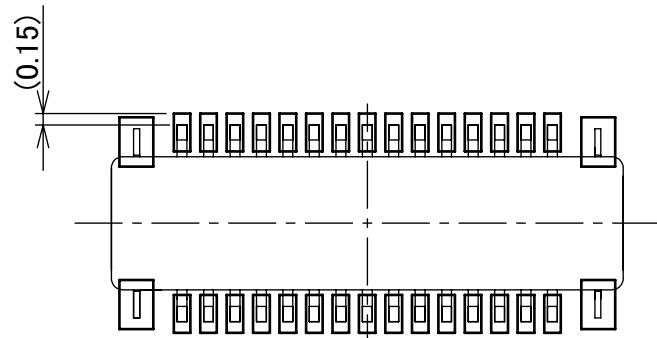
RECOMMENDED PAD LAYOUT
AND RESIST OR COVER LAY AREA

NOTES.
1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

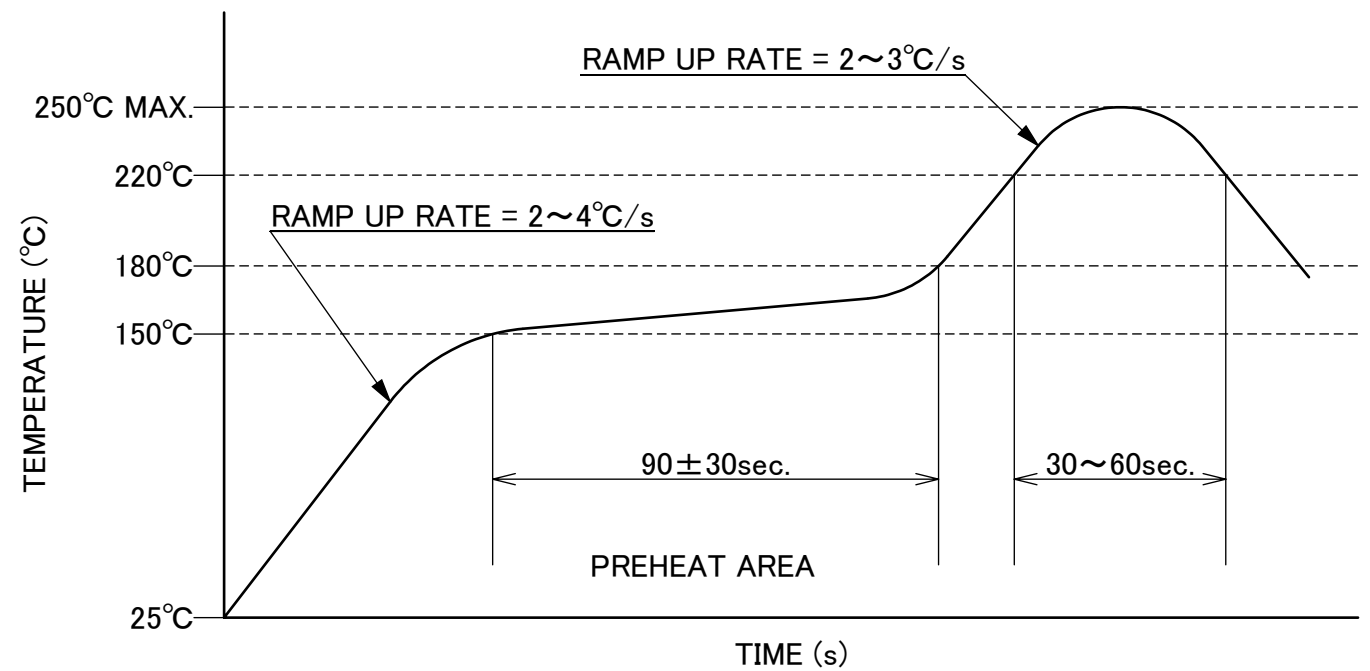


NOTE.1

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 ASSEMBLY	10:1		
CHK.					UNIT		
APP.					mm		
				DWG. No.	SIZE	SHEET	REV.
				20842	A3	3/5	5



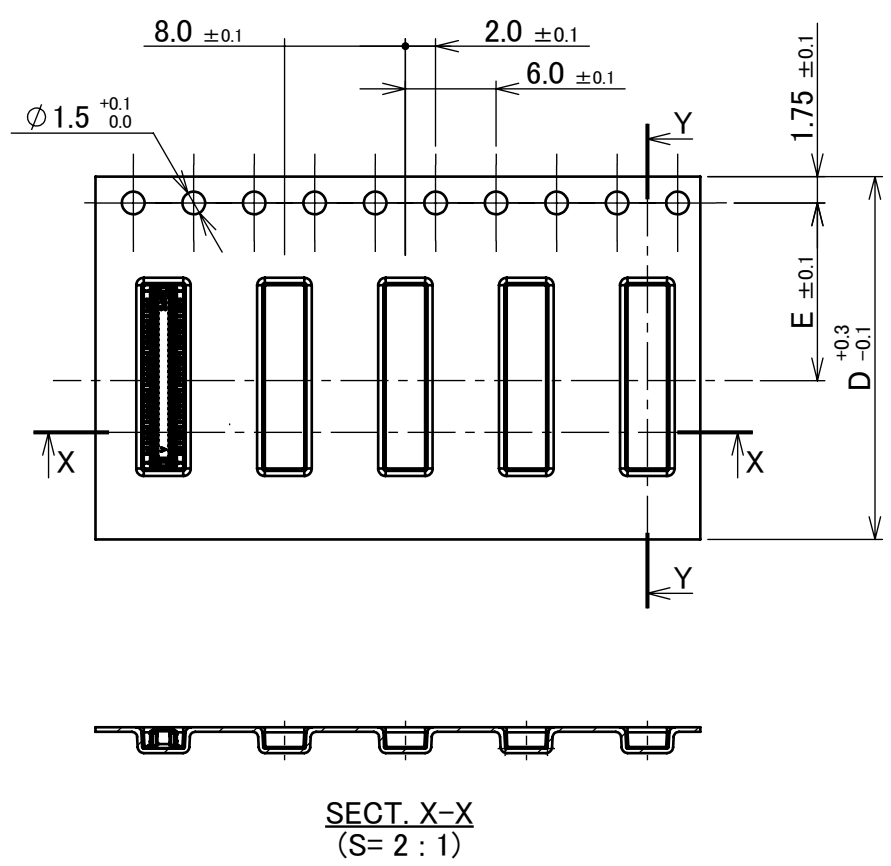
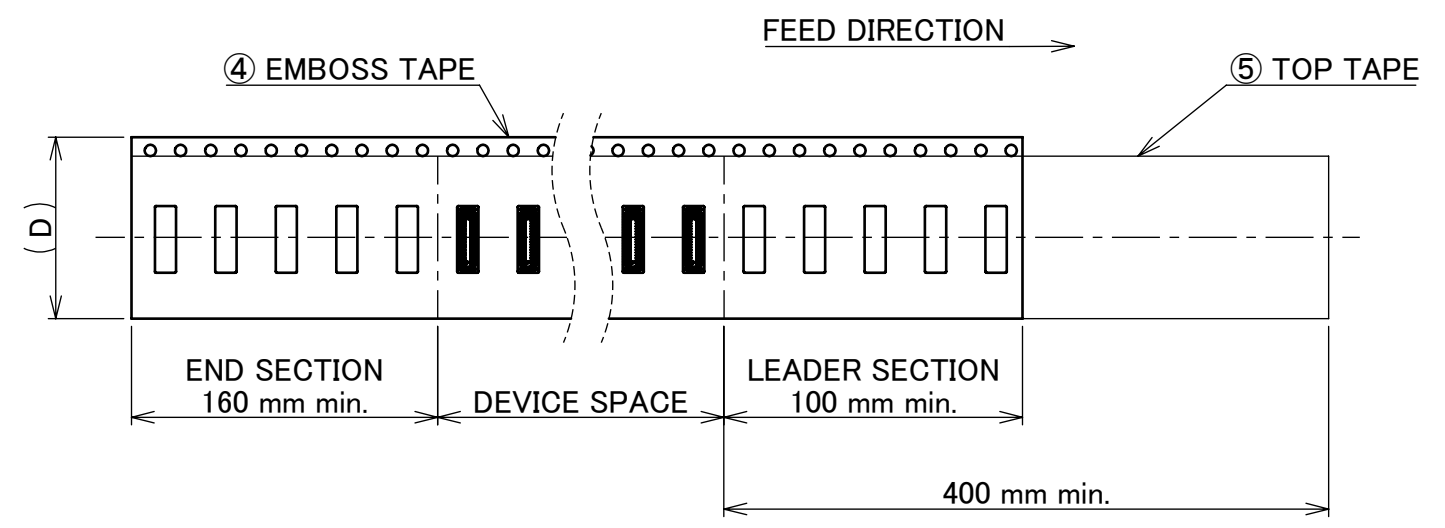
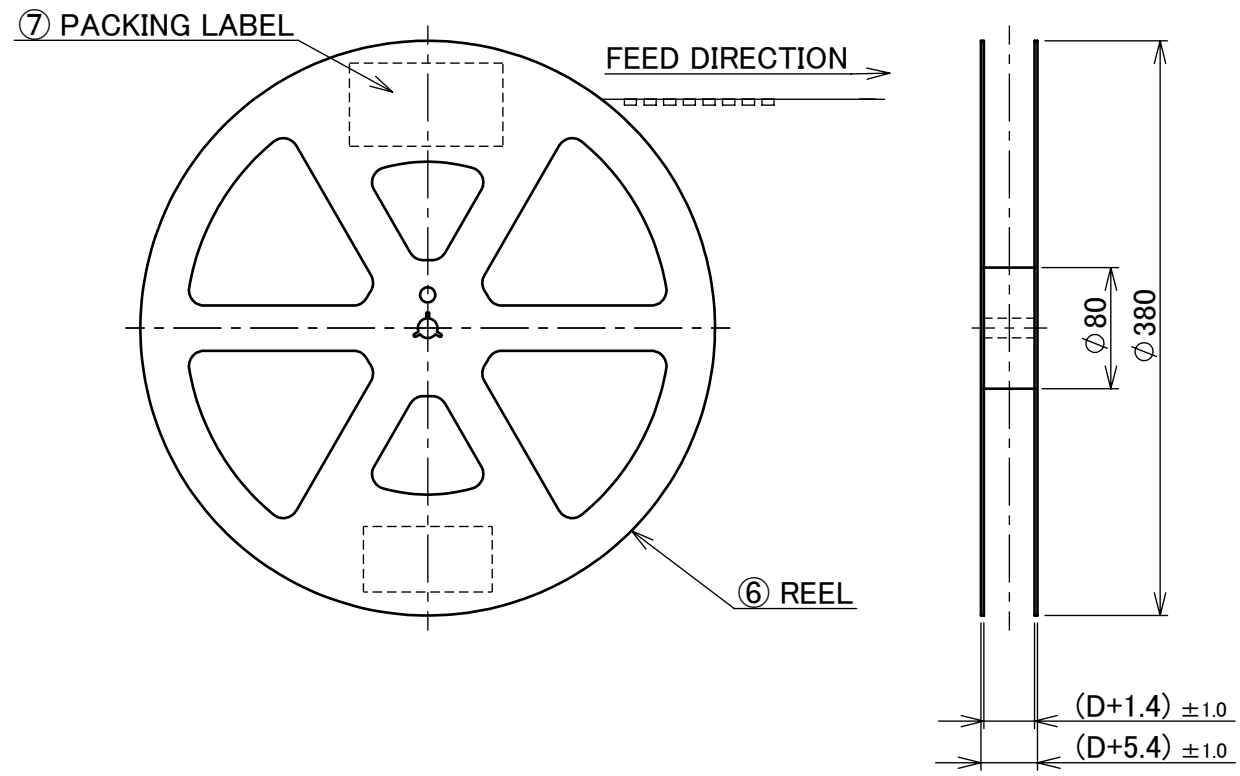
CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



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 ASSEMBLY	SCALE 10:1	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20842	SIZE A3	SHEET 4/5	REV. 5

PART NO.	Pos.	D	E	F	QTY. PER EMOSS 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 EMOSS 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. R1	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5			
GENERAL TOLERANCE.				TITLE		SCALE 1:X UNIT mm SIZE A3
DWG.	DATE		NOVASTACK® 35-PH PLUG ASSEMBLY			
CHK.						
APP.	DWG. No.		20842		SHEET 5/5	