

Recommended P/N 20843-0**E-21

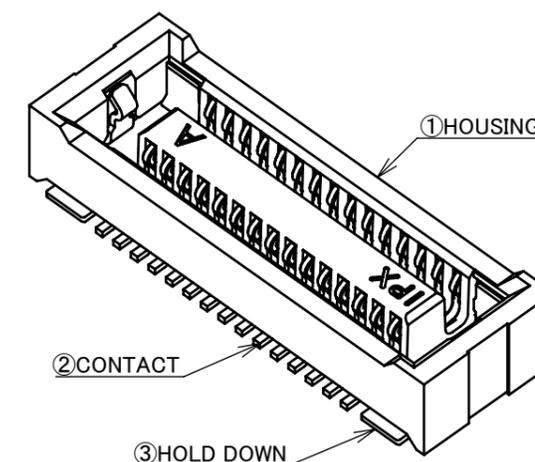
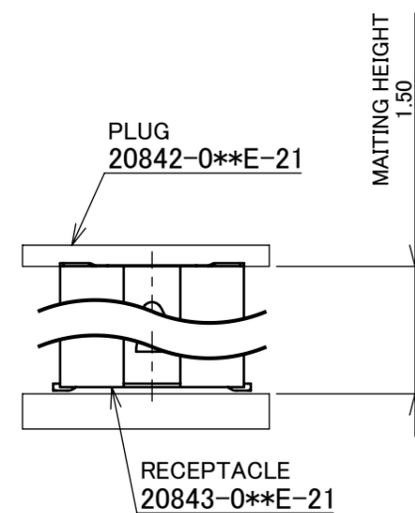
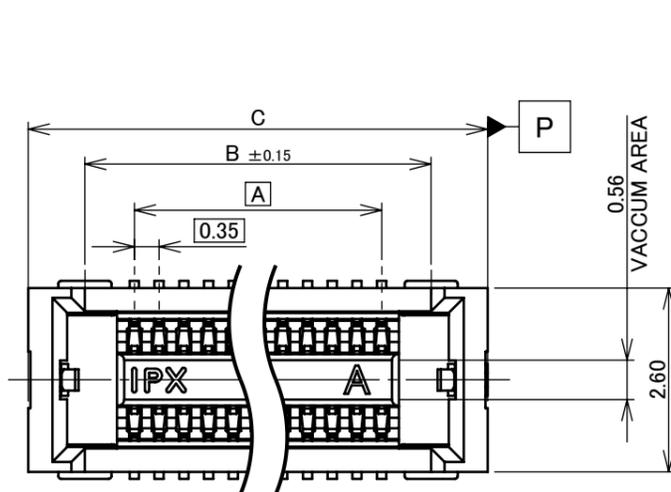
PART No.	Pos	A	B	C
20843-010E-21	10	1.40	2.80	4.40
20843-030E-21	30	4.90	6.30	7.90
20843-040E-21	40	6.65	8.05	9.65
20843-050E-21	50	8.40	9.80	11.40



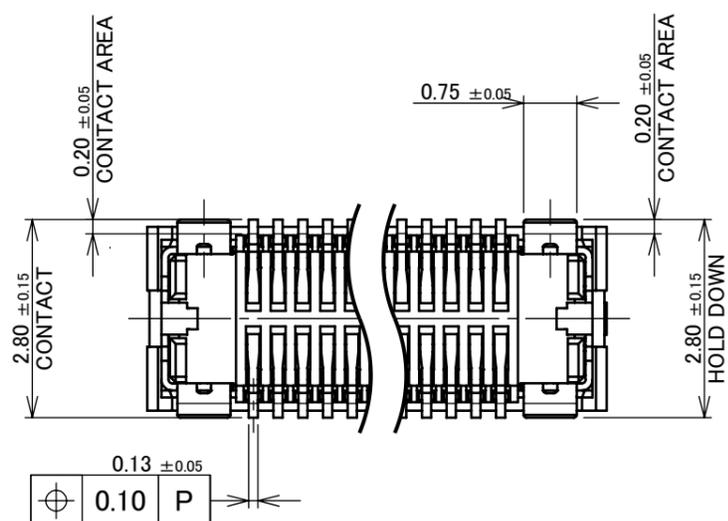
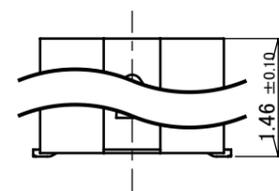
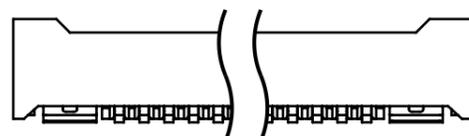
Halogen Free



RoHS Compliant



MATING CONDITION

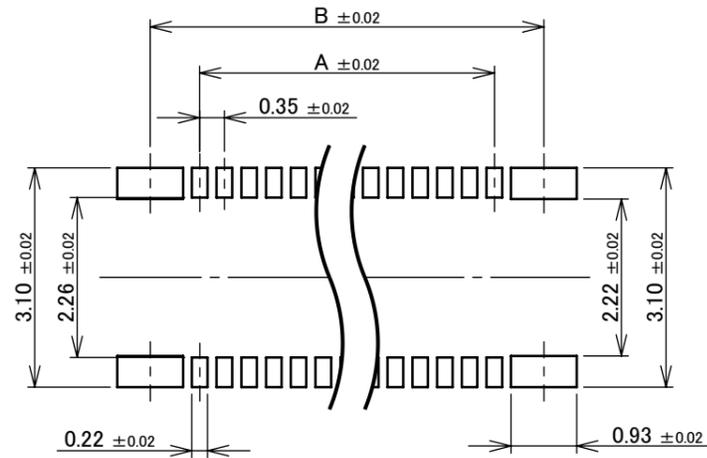


NO.	DESCRIPTION	MATERIAL	FINISH, REMARKS										
3	HOLD DOWN	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.10 μm MIN. SOLDERING PART Au 0.01 μm MIN.										
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.10 μm MIN. SOLDERING PART Au 0.01 μm MIN.										
1	HOUSING	LCP	UL94V-0, BLACK										
NO. DESCRIPTION MATERIAL FINISH, REMARKS													
4	Z220202	TSU	2022/02/25 Y.H										
3	Z190998	KAG	Jul./29/'19 Y.S										
2	Z190298	R.S	Mar./01/'19 TAK										
1	Z181014	R.H	Aug./01/'18 TAK										
0	Z180373	T.F	Mar./23/'18										
REV.	ECN	BY	DATE	APP.	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
					6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1	SCALE	I-PEX	
GENERAL TOLERANCE.										TITLE	10:1		
NOVASTACK® 35-PH RECEPTACLE ASS'Y										UNIT	mm		
REV.	ECN	BY	DATE	APP.	CHK.	S.Hamada			DWG. No.	20843	SIZE	SHEET	REV.
REVISION RECORD					APP.	T.Hirakawa			20843	A3	1/5	4	

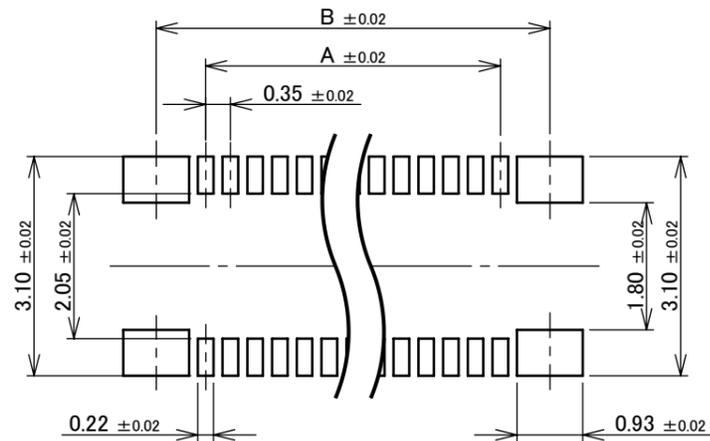
ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20842-0**E-21
RATING VOLTAGE	50V AC (r.m.s)/DC (PER CONTACT PIN)
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.3A MAX. AC/DC (PER CONTACT PIN) 40P AND OVER : 12.0A AC/DC MAX.(TOTAL)
RATING AMPERAGE (FOR POWER CONTACT)	3.0A MAX. AC/DC (PER CONTACT PIN)/ 6.0A 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)	ALL PIN COUNT: 0.15N/PIN MIN.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2463
TEST REPORT	TR-18014
PACKING STANDARD	PST-17083
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 RECEPTACLE ASS'Y	SCALE 	I-PEX	
DWG.	DATE						
CHK.							
APP.							
DWG. No.				20843	SIZE A3	SHEET 2/5	REV. 4

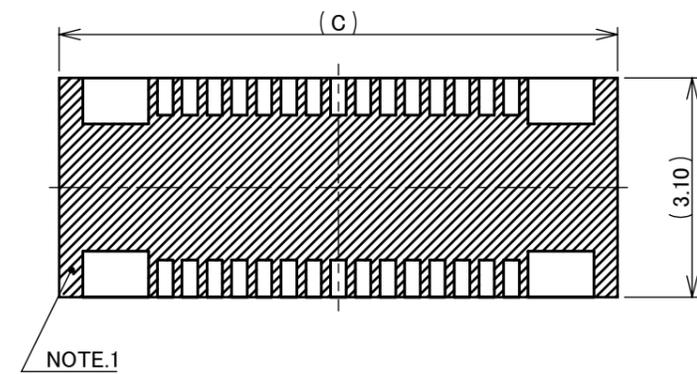
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RECOMMENDED METAL MASK LAYOUT (t=0.12)

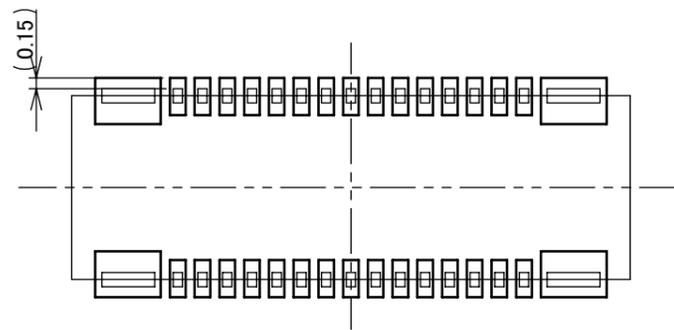


RECOMMENDED PAD LAYOUT

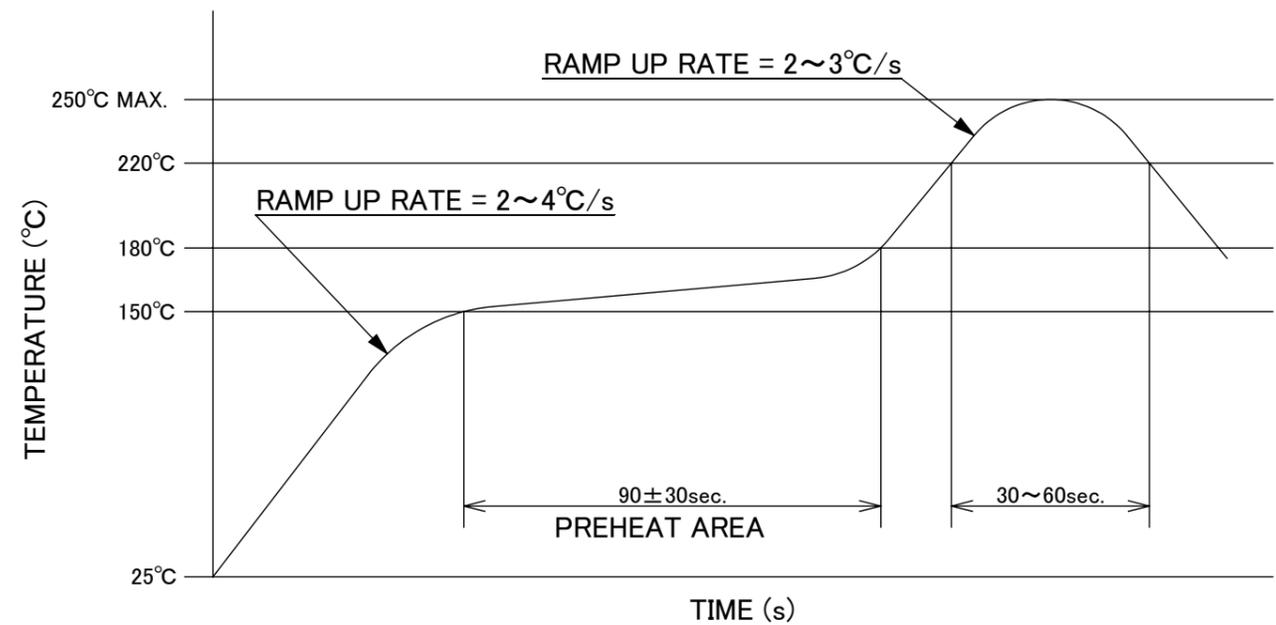


NOTES.
1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

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 RECEPTACLE ASS'Y	SCALE 10:1	UNIT I-PEX	
DWG.	DATE						
CHK.							
APP.							
DWG. No.				20843	SIZE A3	SHEET 3/5	REV. 4



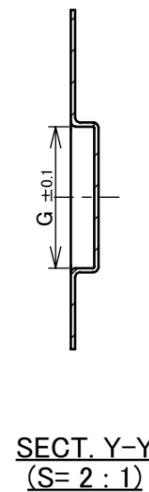
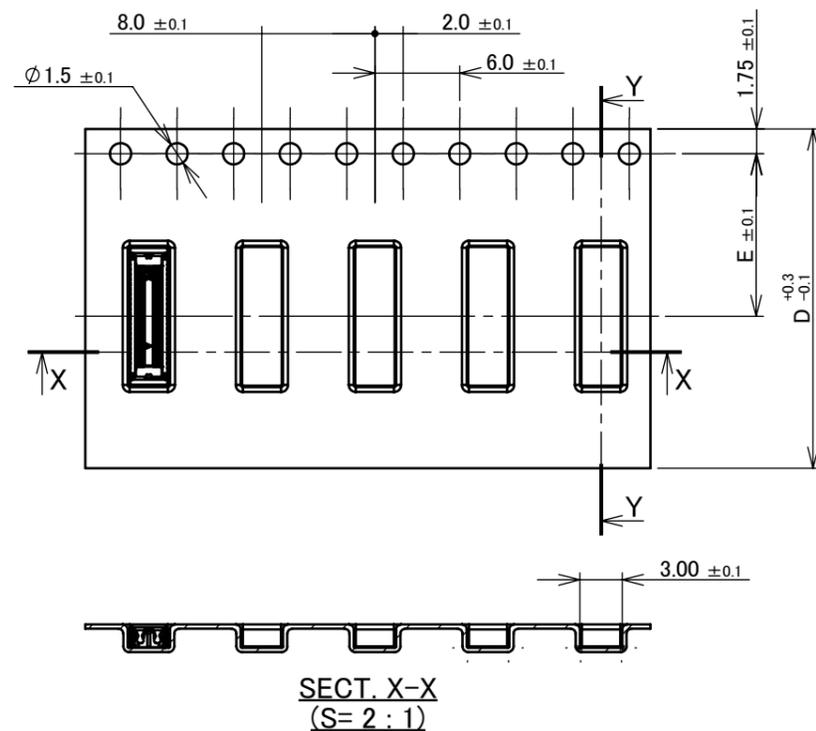
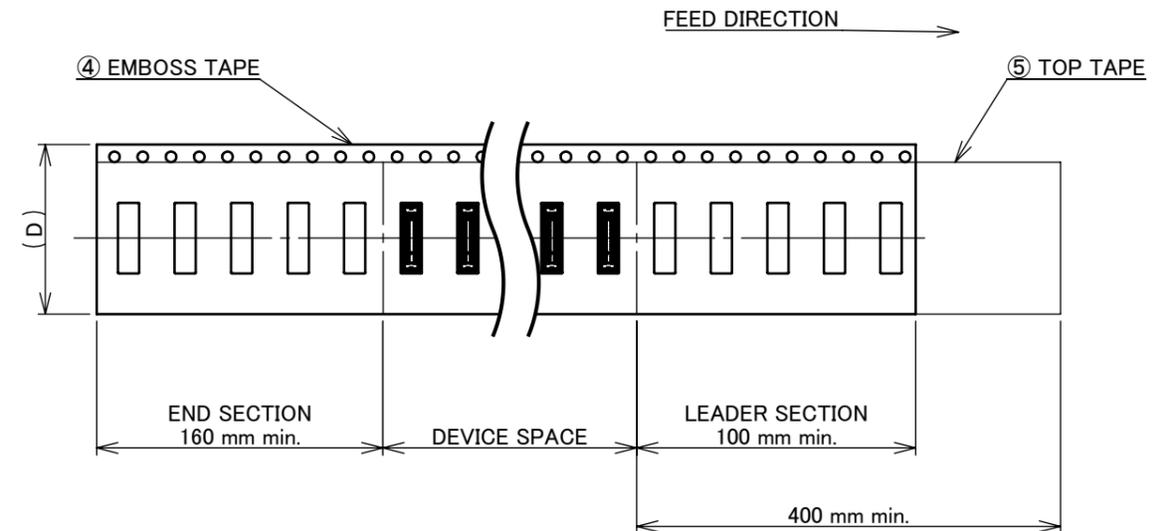
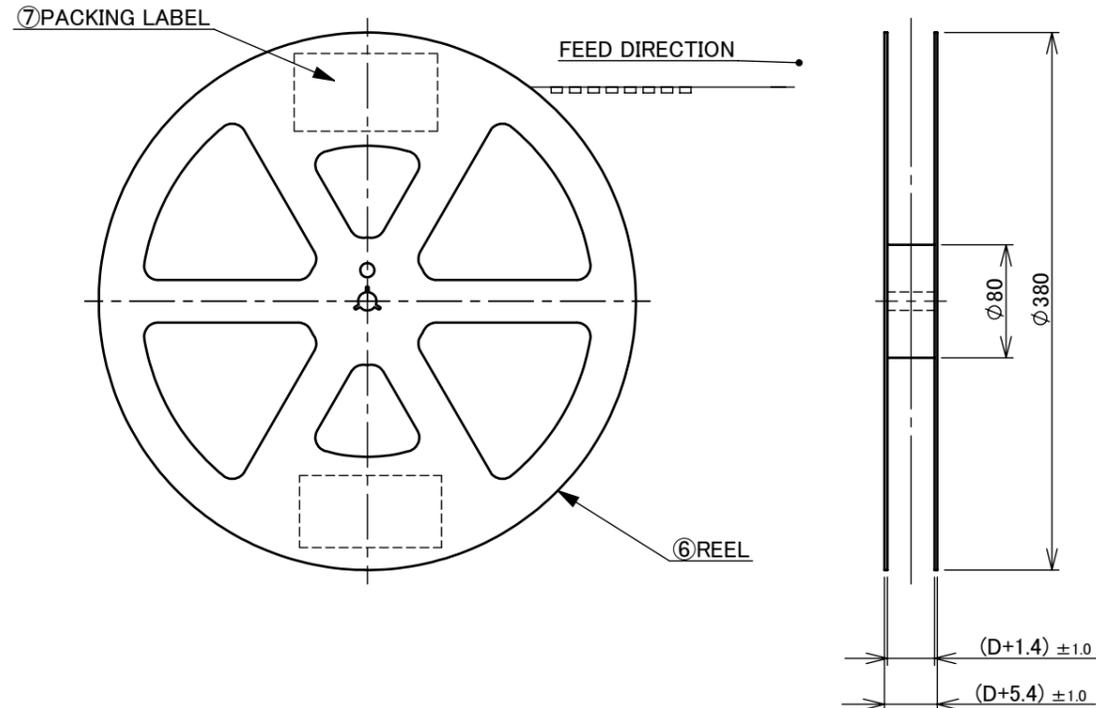
CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



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 RECEPTACLE ASS'Y	SCALE 10:1			
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20843	SIZE A3	SHEET 4/5	REV. 4

PART NO.	Pos.	D	E	G	QTY. PER EMOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON
20843-0**E-21	10P	12.0	5.5	4.75	5,000 / REEL	5,000 × 9 = 45,000
	30P	16.0	7.5	8.25		5,000 × 7 = 35,000
	40P	24.0	11.5	10.00		5,000 × 5 = 25,000
	50P			11.75		



- 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

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 RECEPTACLE ASS'Y	1:X
CHK.			UNIT mm
APP.		DWG. No. 20843	SIZE A3

SERIES No.		CUSTOMER COPY	
R1		I-PEX	
SIZE	SHEET		
A3	5/5	REV.	4