

Recommended P/N 21004-060E

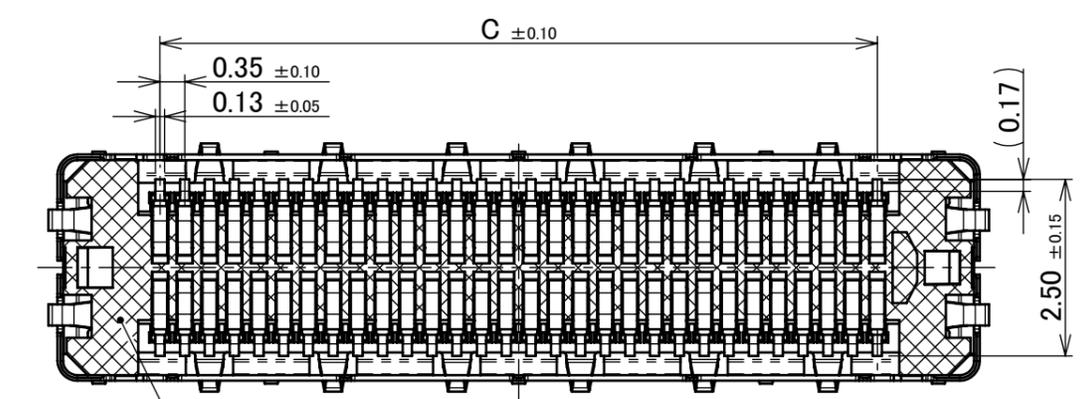
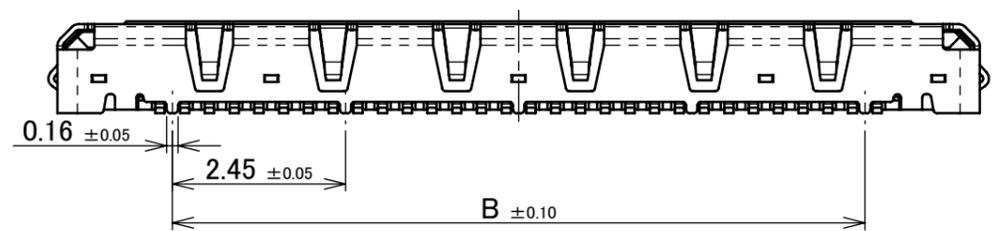
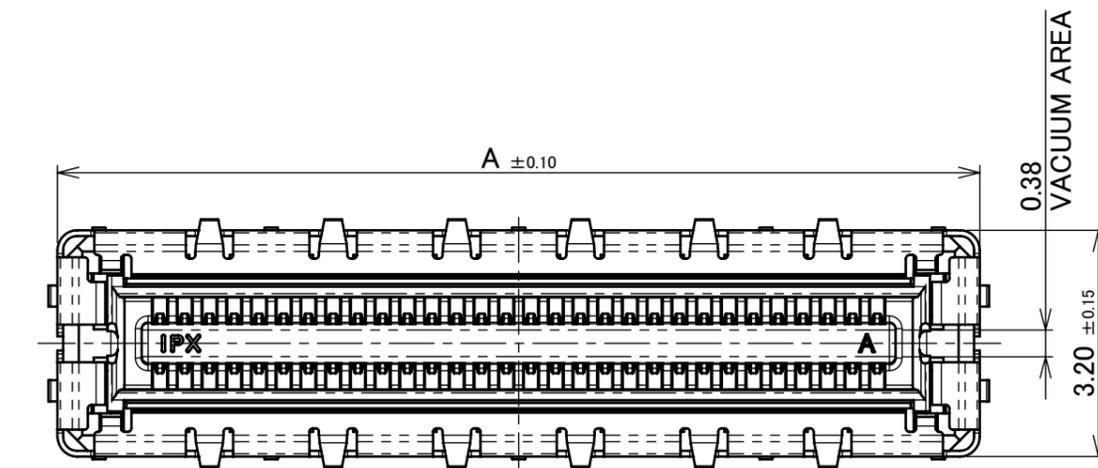
PART No.	Pos.	A	B	C
21004-060E	60	13.05	9.80	10.15



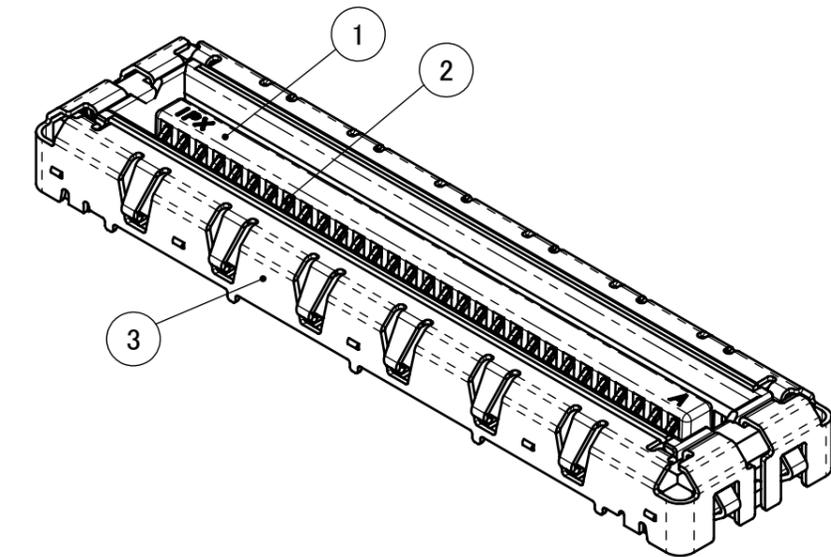
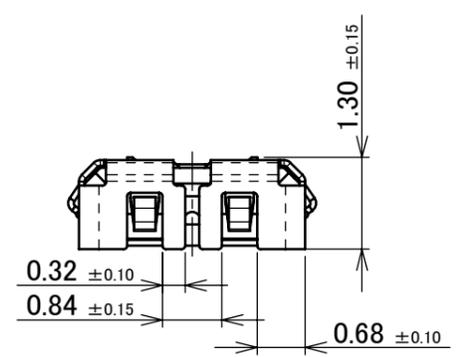
Halogen Free



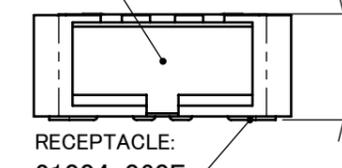
RoHS Compliant



THERE IS A POSSIBILITY OF DENT SHAPE IN THE BOTTOM SURFACE OF HOUSING.



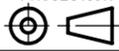
PLUG:
21003-060E



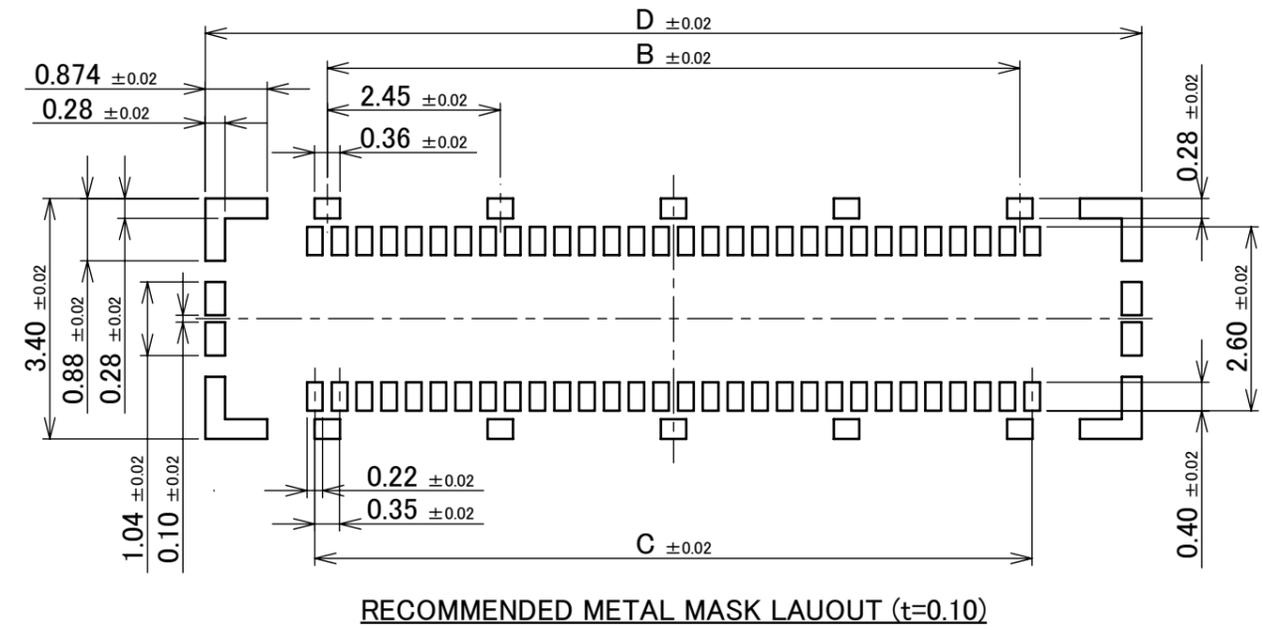
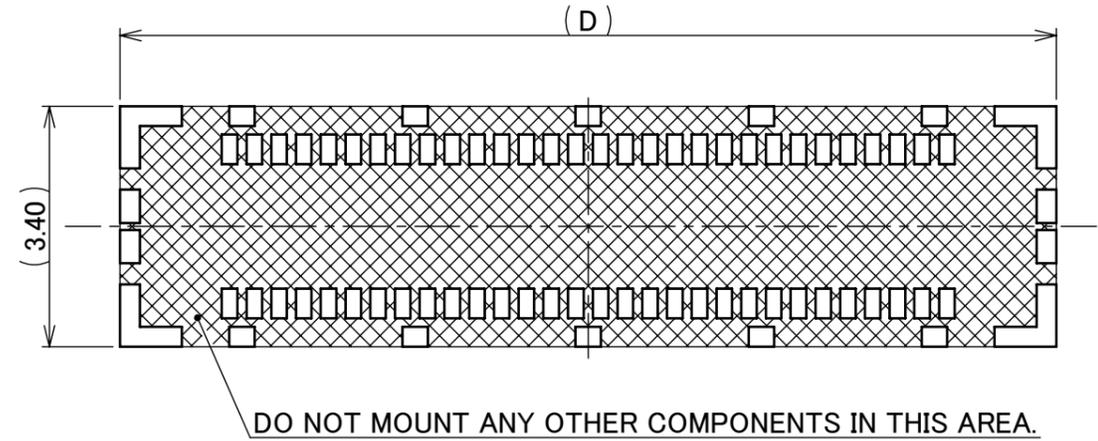
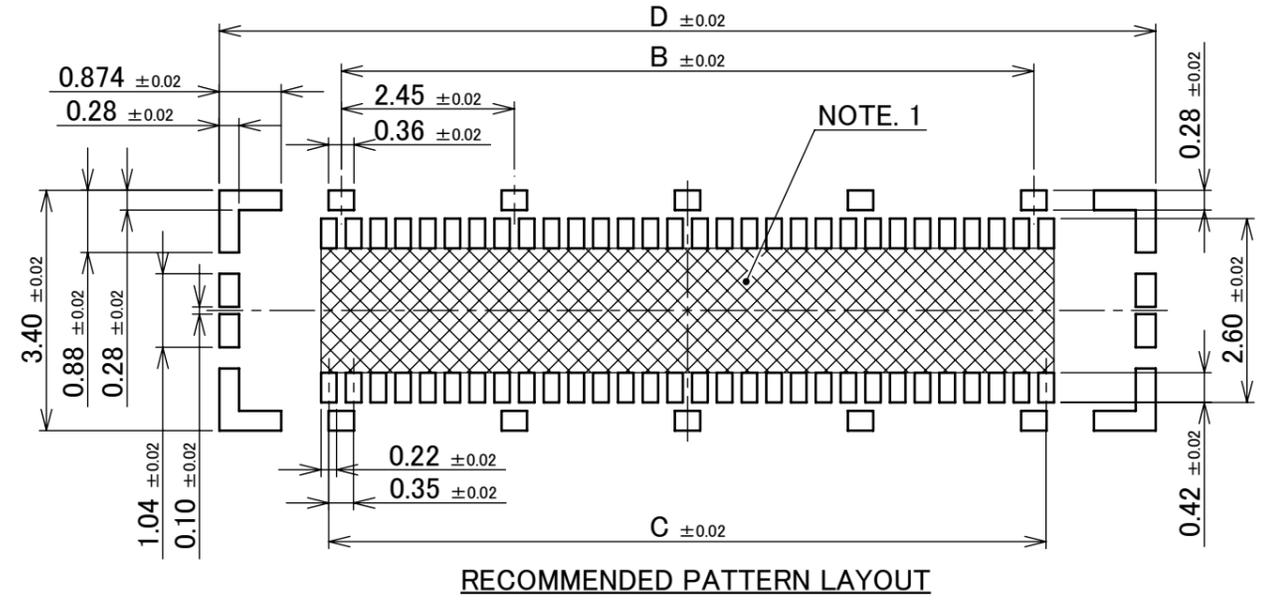
MATING CONDITON

3	SHELL	CORSON ALLOY	ALL Au 0.01 μm MIN. OVER Ni 1.27 μm MIN.	
2	CONTACT	CORSON ALLOY	CONTACT AREA: Au 0.13 μm MIN. OVER Ni 1.27 μm MIN. SOLDERING AREA: Au 0.02 μm MIN. OVER Ni 1.27 μm MIN.	
1	HOUSING	LCP	UL94V-0, BLACK	
NO.	DESCRIPTION	MATERIAL	FINISH, REMAKS	
		ANGLE ±2° 6 OVER 30 MAX. ±0.3 6 MAX. ±0.2 30 OVER 120 MAX. ±0.5	PROJECTION ⊕	SERIES No. R4
		GENERAL TOLERANCE.	TITLE NOVASTACK® 35-HDH RECEPTACLE ASSEMBLY	SCALE 10:1
1	Z230807	Y.B	2023/07/12	Y.H
0	Z220773	M.H	2022/07/06	
REV.	ECN	BY	DATE	APP.
				Y.Hashimoto
REVISION RECORD			DWG. No. 21004	SIZE A3
				SHEET 1/5
				REV. 1

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	21003-060E
RATING VOLTAGE	60V AC (R.M.S.)/DC (PER CONTACT PIN)
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.5A AC/DC (PER CONTACT PIN)/ 12.0A AC/DC(TOTAL)
OPERATING TEMPERATURE	233~358K(-40°C~+85°C) (CONTANING TEMPERATURE RISE BY CURRENT)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 50mohm MAX. / AFTER TEST : Δ 50mohm MAX.
CONTACT RESISTANCE (FOR GROUND)	INITIAL : 20mohm MAX. / AFTER TEST : Δ 20mohm MAX.
INSULATION RESISTANCE	INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	20 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	INITIAL 60N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	20 CYCLES 6.0N MIN.
COPLANARITY	0.10mm MAX.
PRODUCT SPECIFICATION	PRS-2785
TEST REPORT	TR-22021
PACKING STANDARD	PST-21087
INSTRUCTION MANUAL	HIM-21015
APPEARANCE CRITERIA No.	QLS-A***

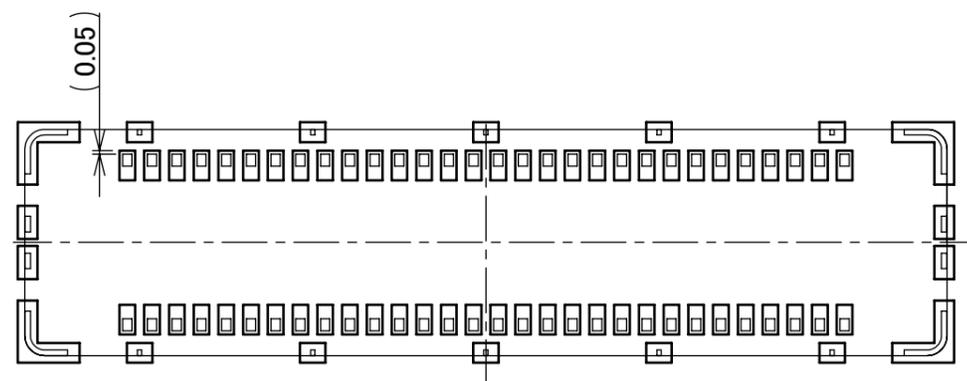
ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R4	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE NOVASTACK® 35-HDH RECEPTACLE ASSEMBLY	SCALE	I-PEX		
DWG.	DATE							
CHK.								
APP.								
DWG. No.	21004			SIZE	SHEET	REV.		
				A3	2/5	1		

PART No.	Pos.	B	C	D
21004-060E	60	9.80	10.15	13.25

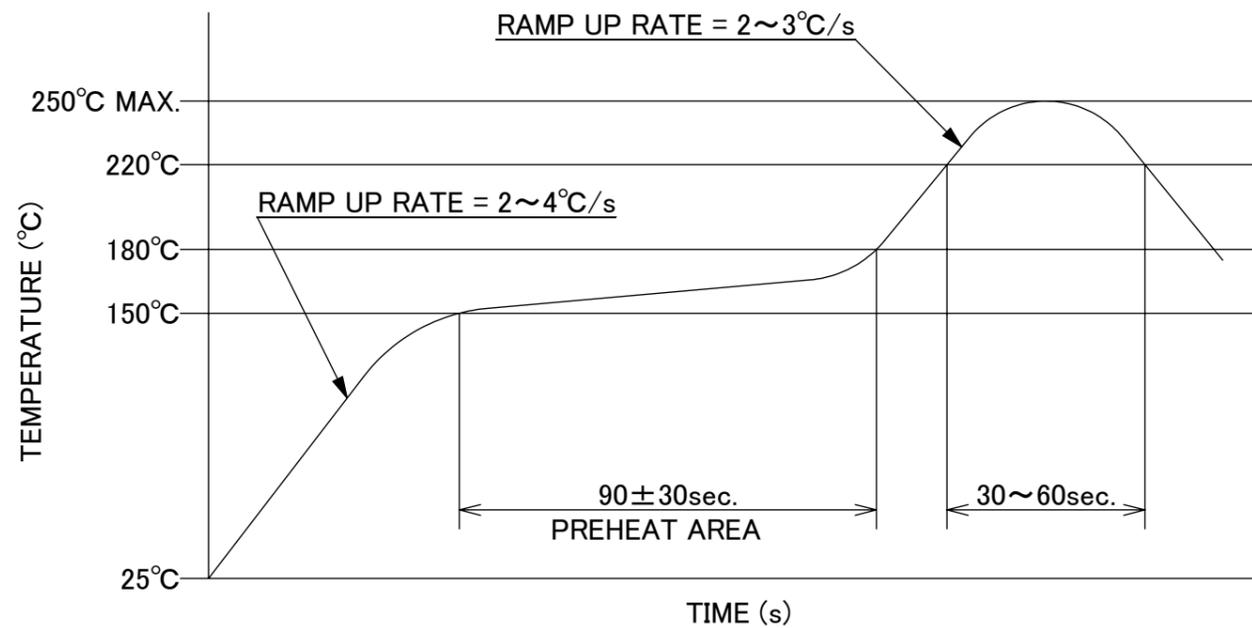


NOTES.
 1. FOOT PRINT PATTERN PROHIBITION AREA
 SOLDER RESIST MUST BE APPLIED TO THIS HATCHED AREA IF SURFACE TRACES ARE ROUNDED.

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R4	CUSTOMER COPY			
	6 MAX.	±0.2	30 OVER 120 MAX.						±0.5
GENERAL TOLERANCE.				TITLE NOVASTACK® 35-HDH RECEPTACLE ASSEMBLY	SCALE 10:1	I-PEX			
DWG.	DATE								UNIT mm
CHK.									SIZE A3
APP.									SHEET 3/5
				DWG. No.	21004				



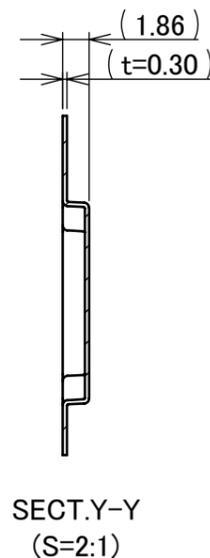
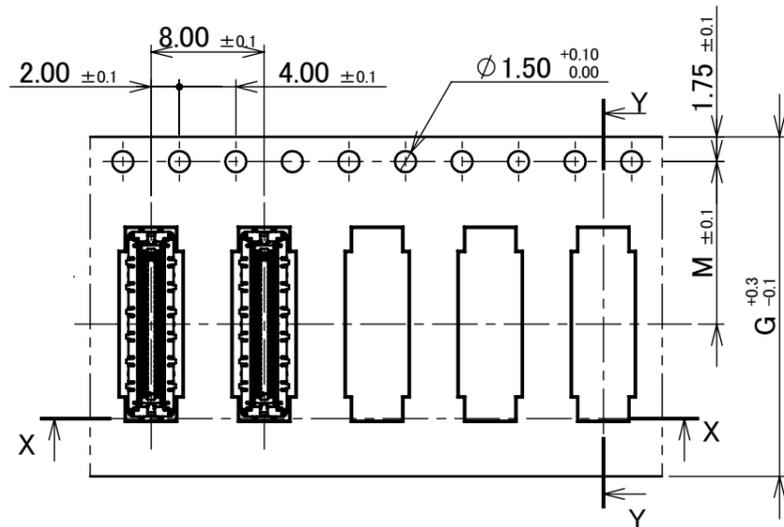
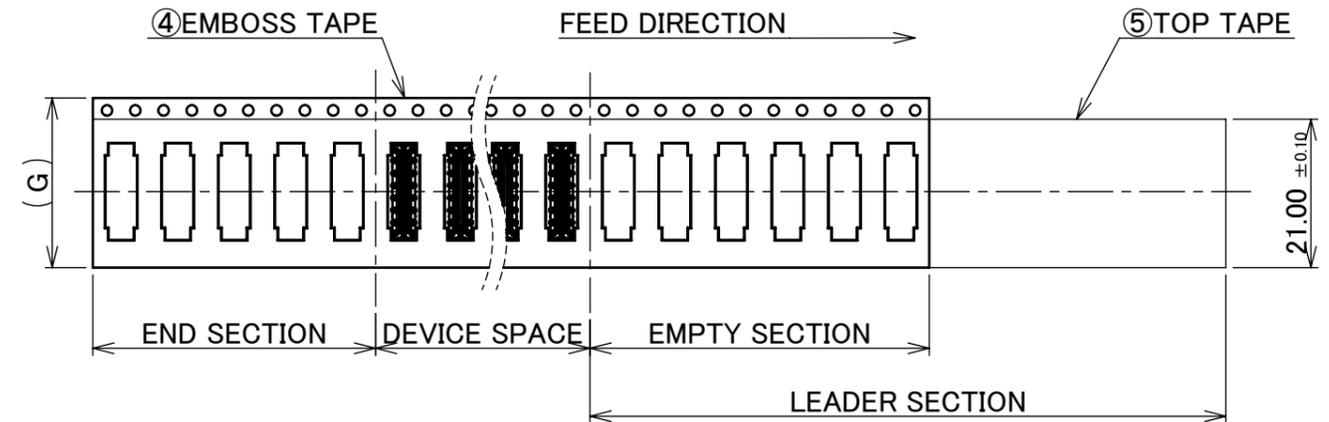
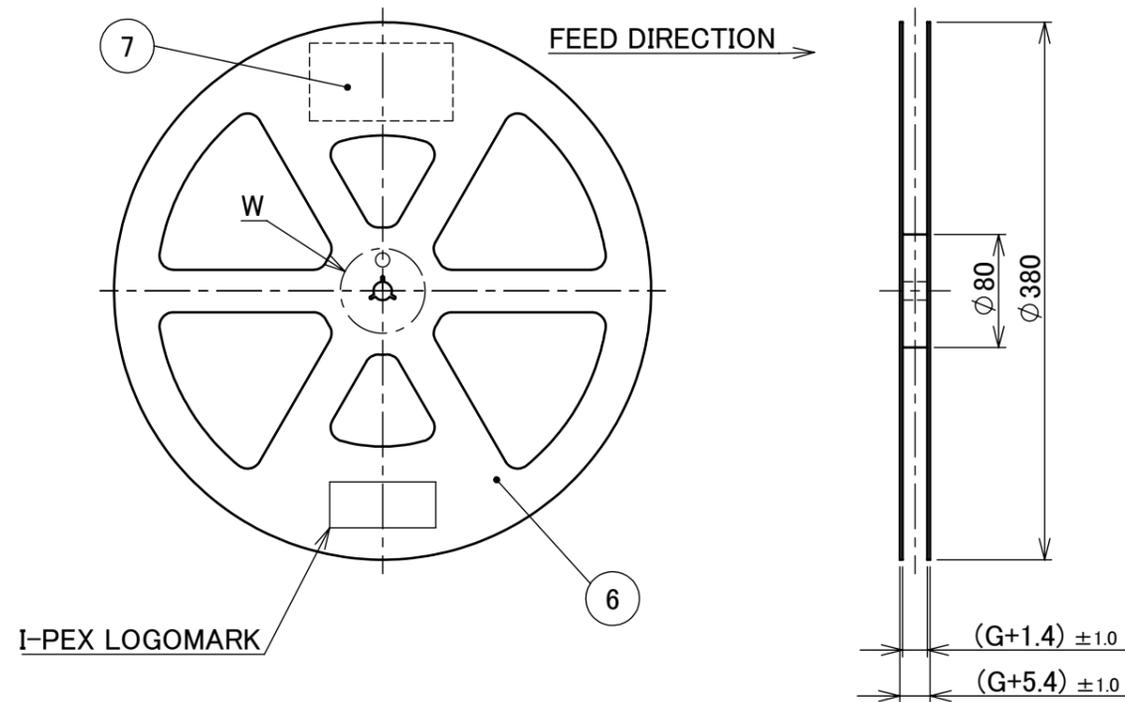
CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN LAYOUT



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. R4	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE NOVASTACK® 35-HDH RECEPTACLE ASSEMBLY	SCALE 10:1	UNIT I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	21004	SIZE A3	SHEET 4/5	REV. 1

PART NO.	POS.	G	M	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
21004-060E	60P	24.0	11.50	5,000 / REEL	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.	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 t=0.3 TRANSPARENCY	ANTI-STATIC TYPE

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R4	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5			
GENERAL TOLERANCE.				TITLE NOVASTACK® 35-HDH RECEPTACLE ASSEMBLY		SCALE 1:X
DWG.	DATE			UNIT mm		I-PEX
CHK.				SIZE A3		
APP.				DWG. No. 21004	SHEET 5/5	