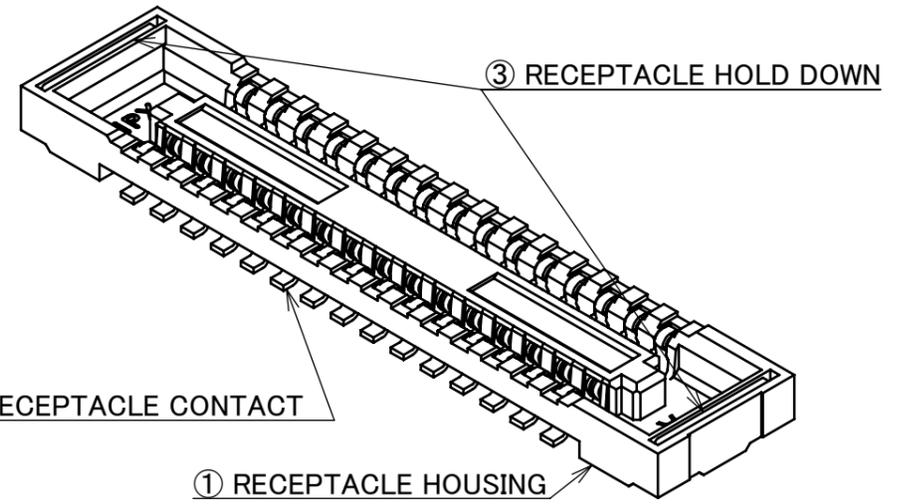
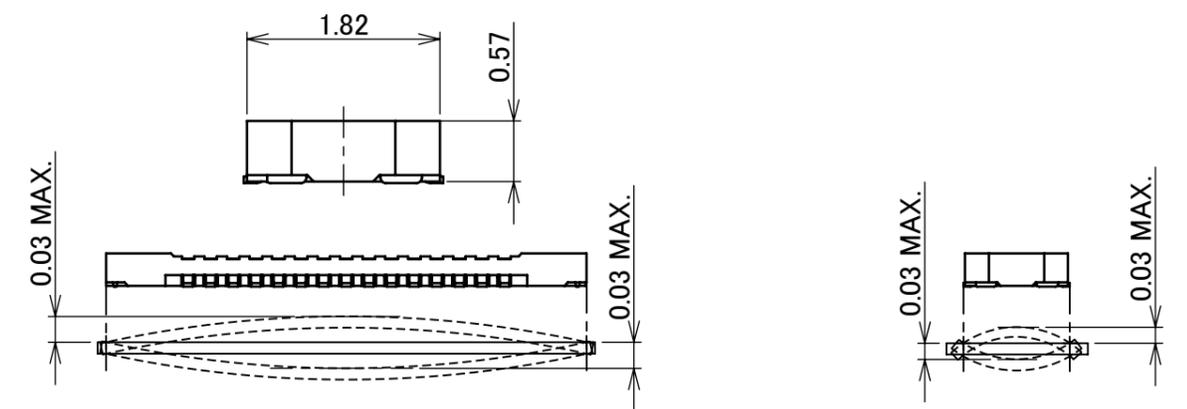
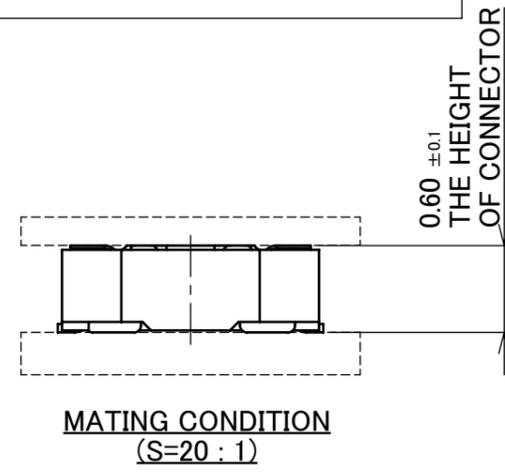
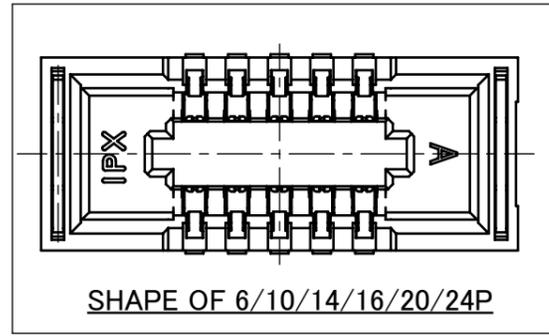
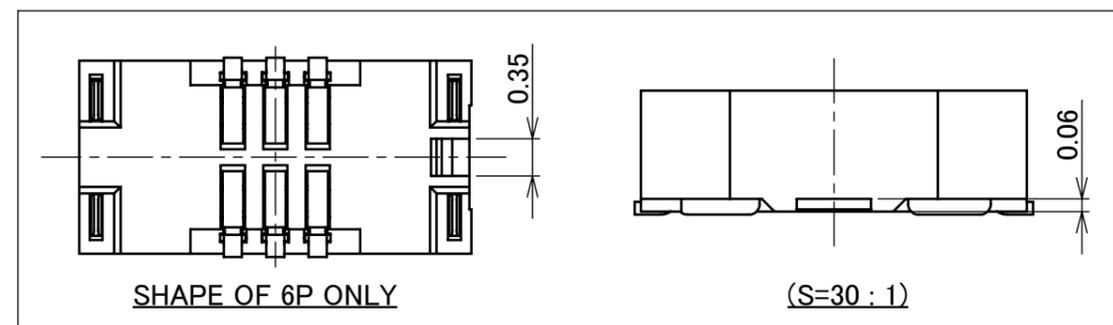
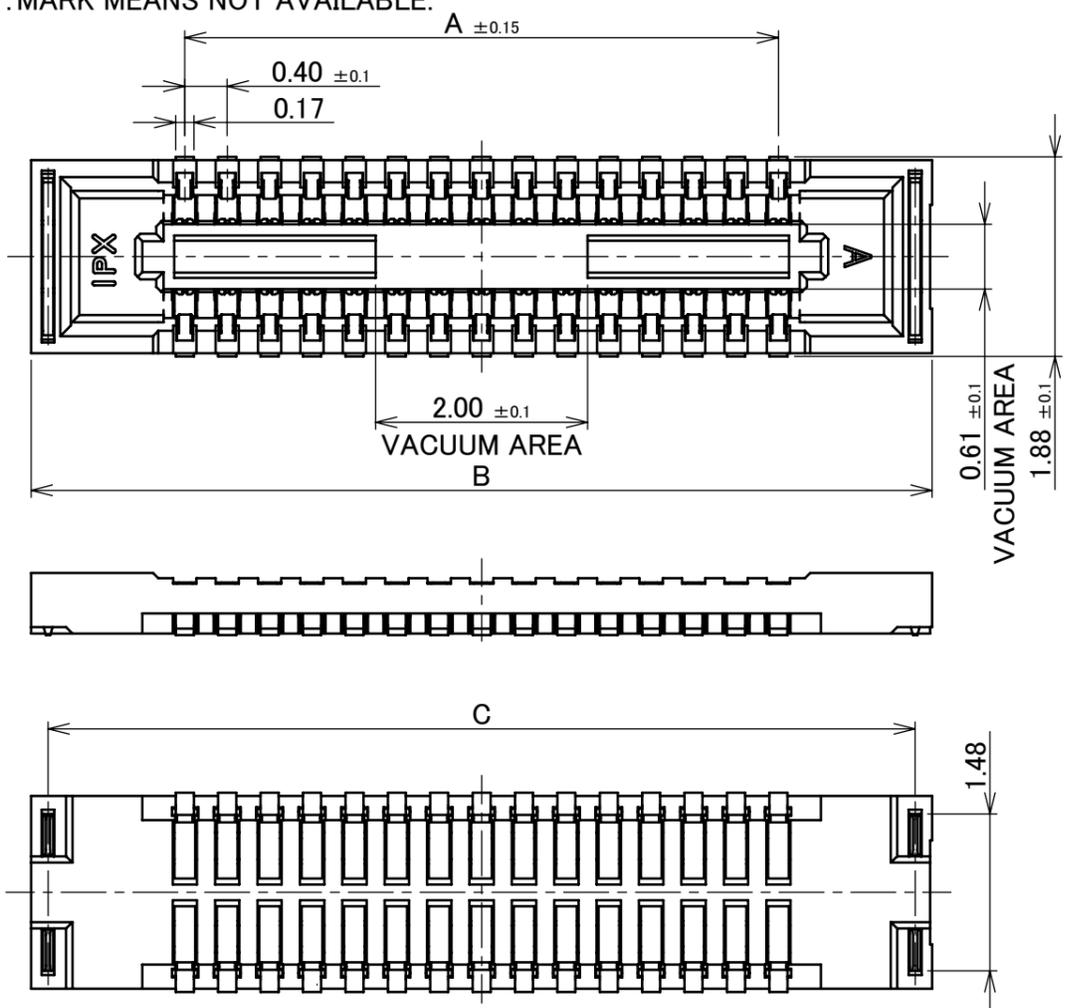


Recommended P/N 20642-0\*\*E

PART No.	Pos.	A	B	C
20642-006E	6	0.80	3.70	3.38
20642-010E	10	1.60	4.50	4.18
◆ 20642-014E	14	2.40	5.30	4.98
◆ 20642-016E	16	2.80	5.70	5.38
◆ 20642-020E	20	3.60	6.50	6.18
20642-024E	24	4.40	7.30	6.98
20642-030E	30	5.60	8.50	8.18
20642-034E	34	6.40	9.30	8.98
20642-040E	40	7.60	10.50	10.18
◆ 20642-080E	80	15.60	18.50	18.18

◆ : MARK MEANS NOT AVAILABLE.

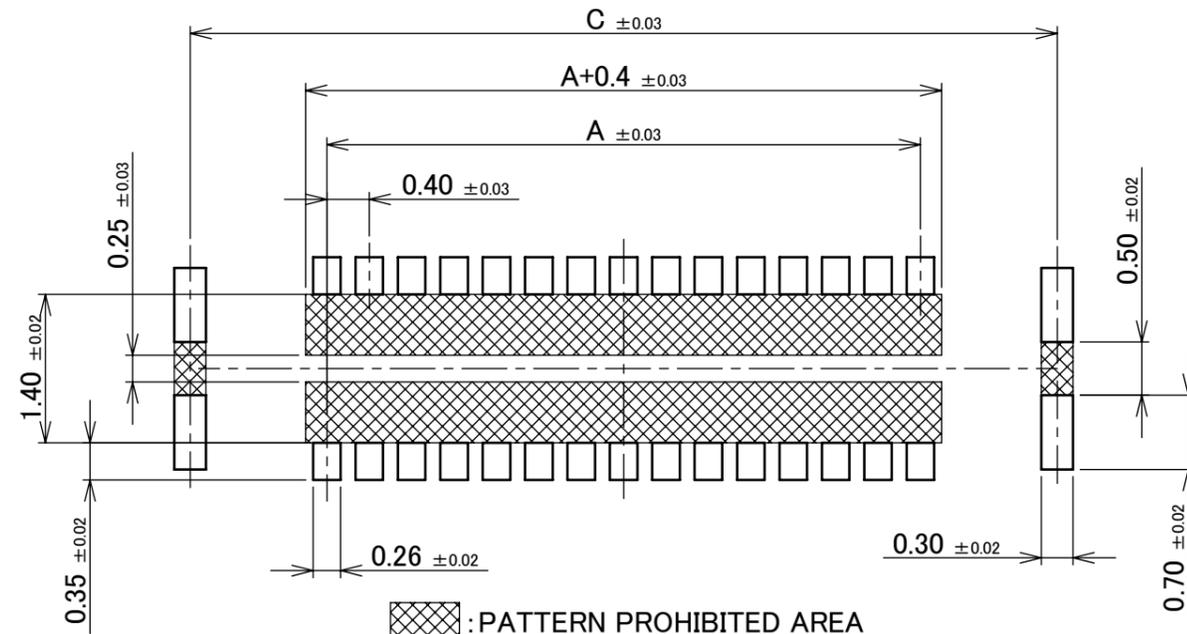


NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
3	HOLD DOWN	BRASS	ALL OVER Ni 1.27 $\mu$ m MIN. SOLDERING PART Au 0.02 $\mu$ m MIN.
2	CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.27 $\mu$ m MIN. CONTACT PART Au 0.03 $\mu$ m MIN. SOLDERING PART Au 0.02 $\mu$ m MIN.
1	HOUSING	LCP	UL94V-0 BLACK

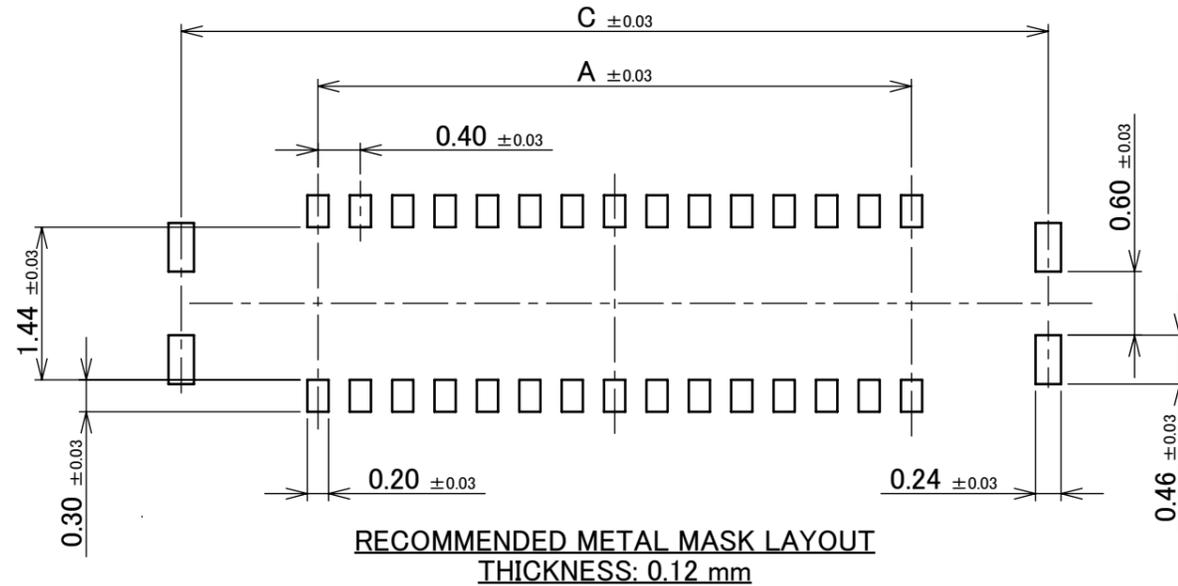
REV.	ECN	BY	DATE	APP.	APP.	CHK.	DATE	ANGLE	PROJECTION	SERIES No.	TITLE	SCALE	SHEET	REV.
10	Z220190	Y.I	2022/03/04	Y.H	ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	$\pm 0.3$		R6	NOVASTACK® 4 RECEPTACLE ASS'Y	15:1	A3	10
9	Z180698	R.H	2018/05/31	TAK	6 MAX.	$\pm 0.2$	30 OVER 120 MAX.	$\pm 0.5$						
8	Z171346	IMI	2017/11/20	M.T	GENERAL TOLERANCE.									
7	Z170933	R.H	3017/08/17	M.T	DWG.	M.Takemoto	2014/10/21							
6	Z170592	R.H	2017/05/17	M.T	CHK.	K.Narita								
5	Z151200	M.T	2015/10/29	K.N	APP.	T.Takano								
REVISION RECORD								DWG. No.	20642			1/5		

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20641-0**E
RATING VOLTAGE	60V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.3A AC/DC (PER CONTACT PIN)
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 80mohm MAX. / AFTER TEST : $\triangle$ 20mohm MAX.
INSULATION RESISTANCE	INITIAL : 1,500Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL)	6P : 10.0N MAX.      30P : 36.0N MAX. 10P : 12.0N MAX.     34P : 40.8N MAX. 24P : 28.8N MAX.     40P : 48.0N MAX.
UNMATING FORCE (AFTER TEST)	6P : 1.2N MIN.        30P : 6.0N MIN. 10P : 2.0N MIN.       34P : 6.8N MIN. 24P : 4.8N MIN.       40P : 8.0N MIN.
COPLANARITY	0.08 MAX.
PRODUCT SPECIFICATION	PRS-1998
TEST REPORT	TR-14088
PACKING STANDARD	PST-14061
INSTRUCTION MANUAL	HIM-14018
APPEARANCE CRITERIA No.	QLS-A***

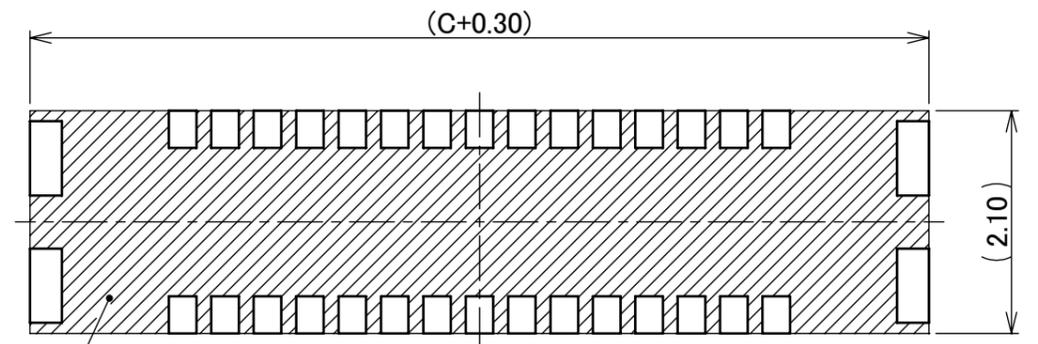
ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	$\pm 0.3$	PROJECTION 	SERIES No. R6	CUSTOMER COPY		
6 MAX.	$\pm 0.2$	30 OVER 120 MAX.	$\pm 0.5$			SCALE -	<b>I-PEX</b>	
GENERAL TOLERANCE.				TITLE NOVASTACK® 4 RECEPTACLE ASS'Y	UNIT mm			
DWG.	DATE				SIZE A3	SHEET 2/5		REV. 10
CHK.								
APP.				DWG. No. 20642				



: PATTERN PROHIBITED AREA  
**RECOMMENDED PATTERN LAYOUT**



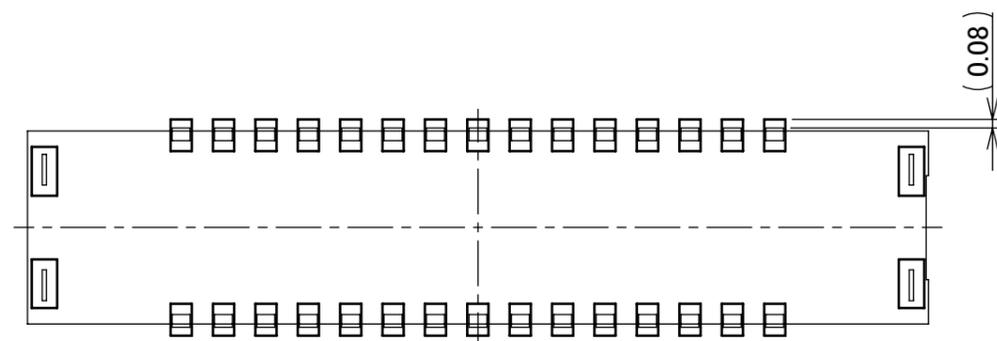
**RECOMMENDED METAL MASK LAYOUT**  
 THICKNESS: 0.12 mm



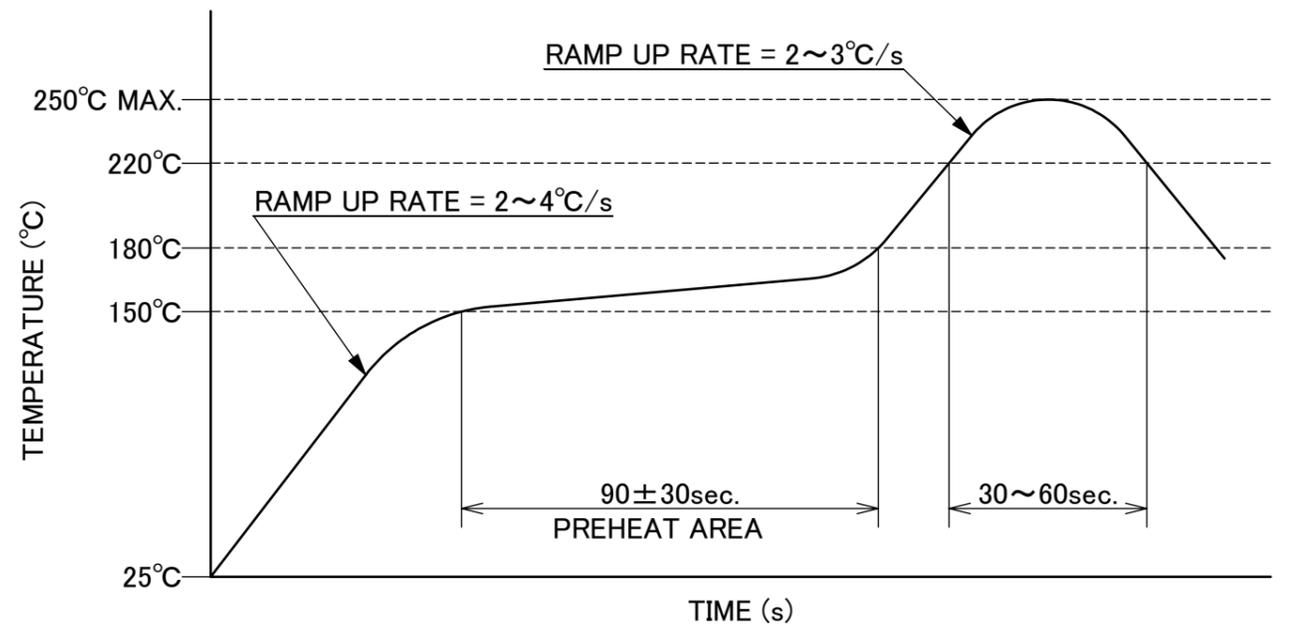
NOTE. 1

NOTES.  
 1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R6	CUSTOMER COPY		
	6 MAX.	±0.2	30 OVER 120 MAX.					±0.5
GENERAL TOLERANCE.				TITLE NOVASTACK® 4 RECEPTACLE ASS'Y		SCALE		
DWG.	DATE					15:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20642	SIZE	SHEET	REV.
						A3	3/5	10



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN

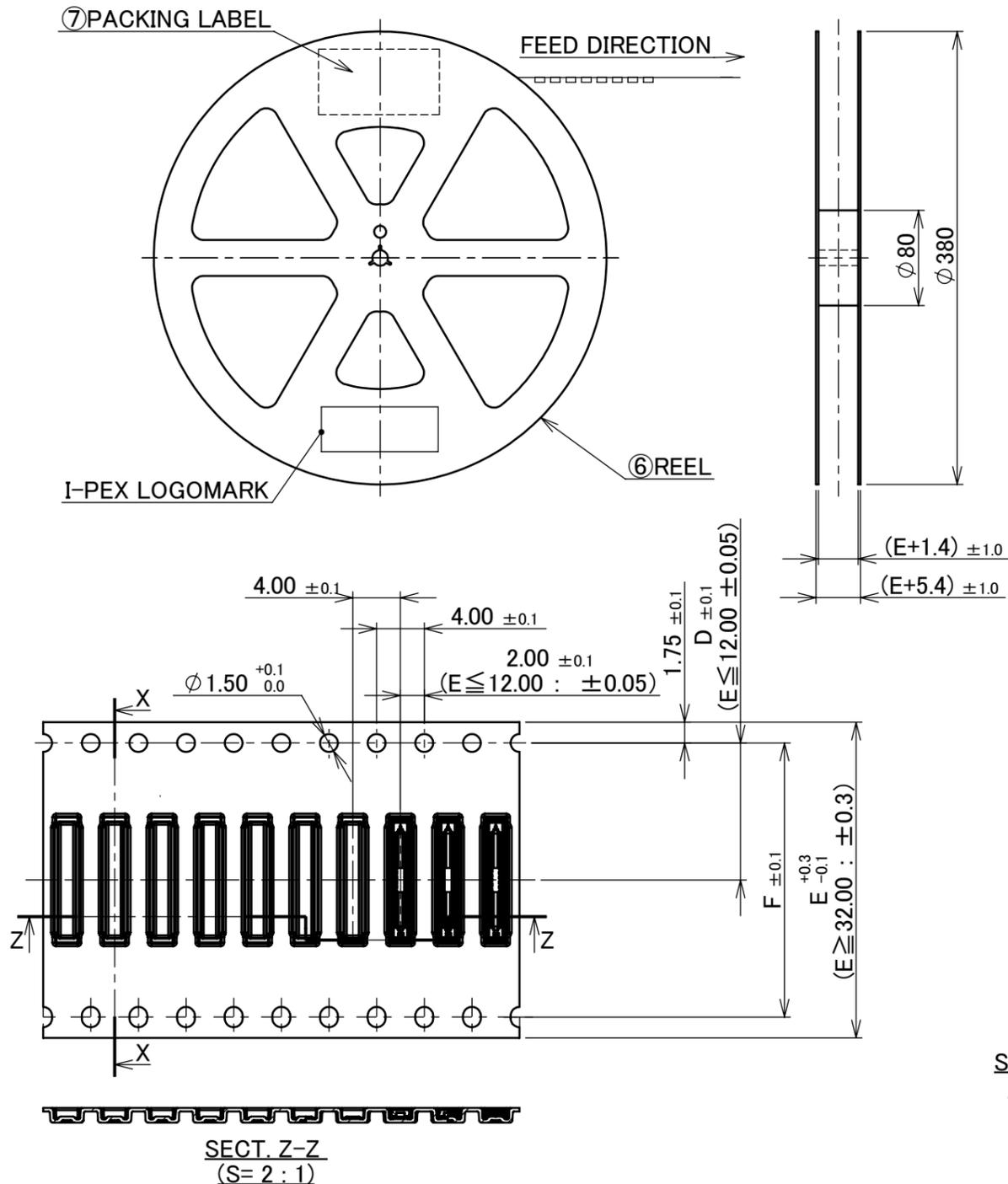


REFLOW TEMPERATURE PROFILE  
 SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R6	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE NOVASTACK® 4 RECEPTACLE ASS'Y	SCALE 15:1	UNIT <b>I-PEX</b>		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20642	SIZE A3	SHEET 4/5	REV. 10

PART No.	Pos.	D	E	F	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20642-006E	6	5.50	12.00	-	10,000 / REEL	10,000 × 7 REELS = 70,000
20642-010E	10			-		
◆ 20642-014E	14			-		
◆ 20642-016E	16			-		
◆ 20642-020E	20	7.50	16.00	-		
20642-024E	24			-		
20642-030E	30			-		
20642-034E	34			-		
20642-040E	40	11.50	24.00	-	10,000 × 5 REELS = 50,000	
◆ 20642-080E	80	14.20	32.00	28.40	10,000 × 4 REELS = 40,000	

◆ : MARK MEANS NOT AVAILABLE.



- NOTES.  
 2. TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3).  
 3. MAKE EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE.  
 4. TOP TAPE SHALL NOT STICK OUT FROM EMBOSS TAPE.  
 5. TOP TAPE SHALL NOT COVER FEED HOLE.

NO.	DISCRIPTION	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	⊕	R6	SCALE	I-PEX		
GENERAL TOLERANCE.					TITLE	1:X			
DWG.	DATE				NOVASTACK® 4 RECEPTACLE ASS'Y	UNIT			
CHK.						mm			
APP.					DWG. No.	20642	SIZE	SHEET	REV.
							A3	5/5	10