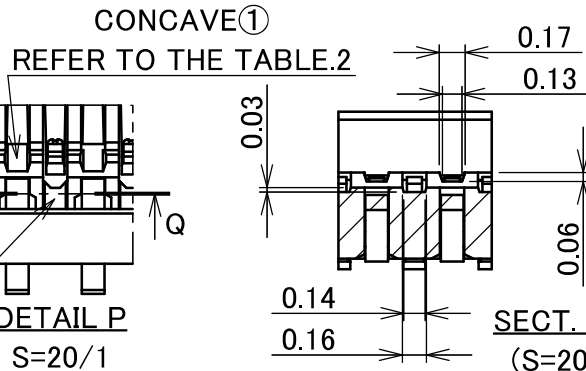
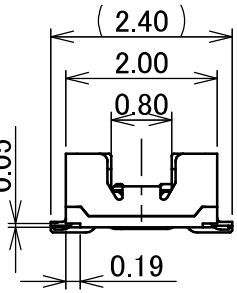
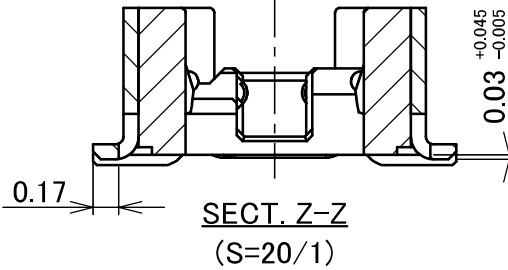
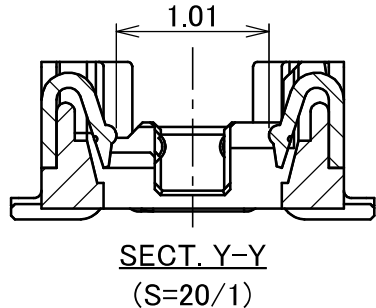
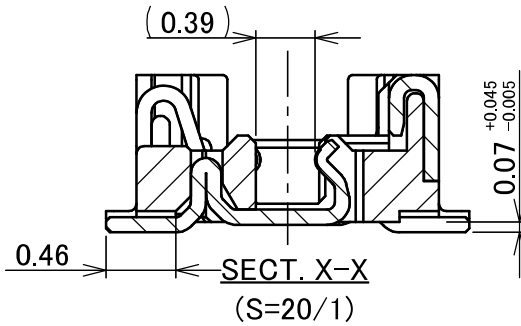
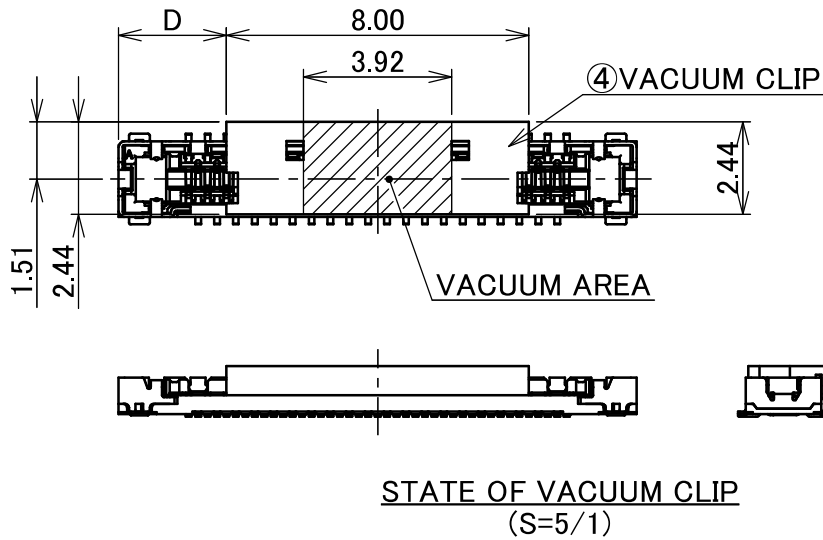
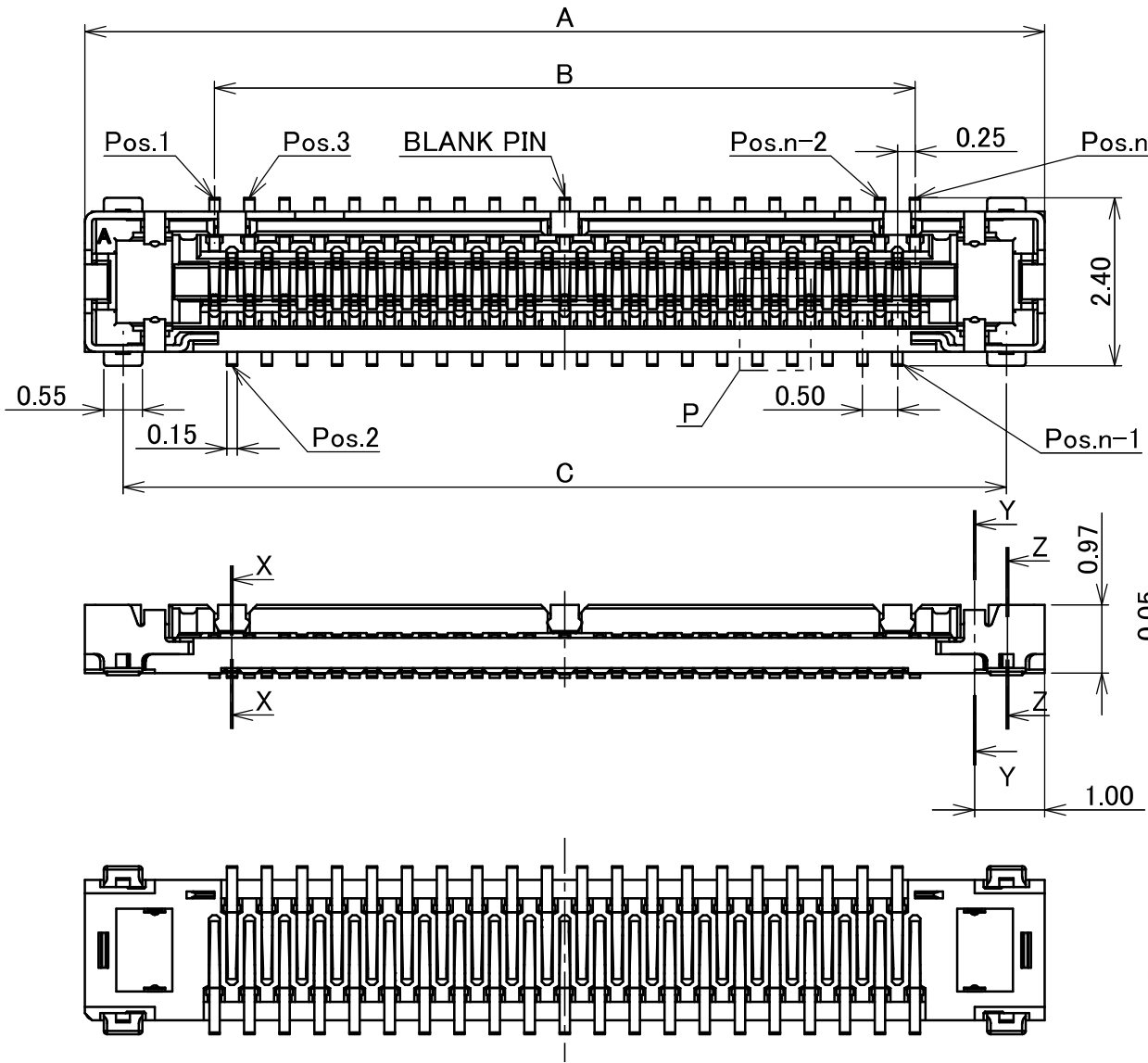


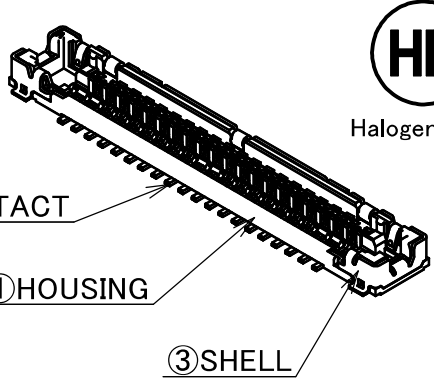
RECOMMENDED PART No. 20533-2**E

PART NO.	Pos.	A	B	C	D
20533-230E	30	11.20	7.50	10.11	1.60
20533-234E	34	12.20	8.50	11.11	2.10
20533-240E	40	13.70	10.00	12.61	2.85
20533-250E	50	16.20	12.50	15.11	4.10

20533-2**E
Pos.



CONCAVE②
ALL POSITION



Halogen Free RoHS Compliant

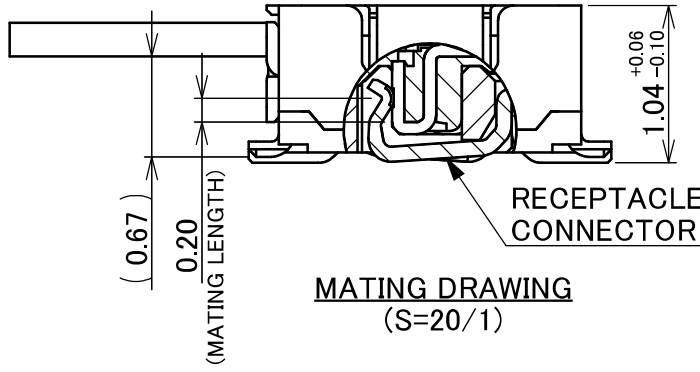


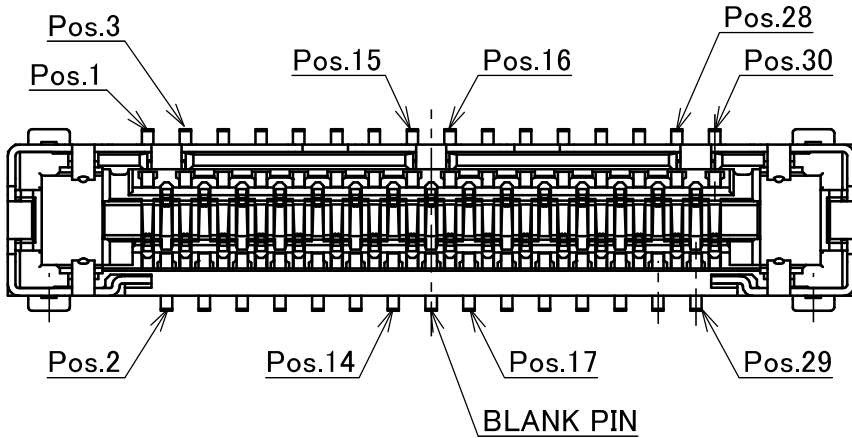
TABLE.2

POSITION OF CONCAVE①	
30P	: 2, 6, 8, 12, BLANK PIN, 19, 23, 25, 29 pos. (9 POSITIONS)
34P	: 4, 8, 10, 14, BLANK PIN, 21, 25, 27, 31 pos. (9 POSITIONS)
40P	: 6, 8, 12, 14, 18, 23, 25, 29, 33, 35 pos. (10 POSITIONS)
50P	: 6, 8, 12, 14, 18, 22, BLANK PIN, 29, 33, 37, 39, 43, 45 pos. (13 POSITIONS)

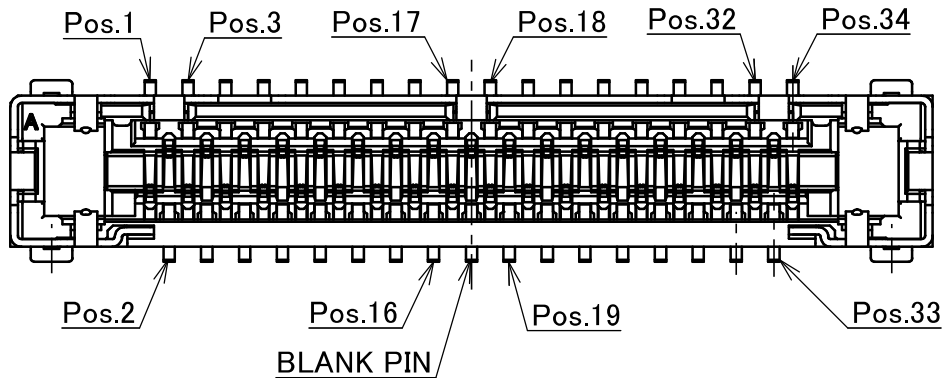
4	VACUUM CLIP	LCP	UL94V-0, BEIGE
3	SHELL	PHOSPHOR BRONZE	Au 0.02 μm MIN. OVER Ni 1.00 μm MIN.
2	COTANCT	PHOSPHOR BRONZE	CONTACT AREA : Au 0.1 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING AREA : Au 0.05 μm MIN. OVER Ni 1.00 μm MIN.
1	HOUSING	LCP	UL94V-0, BLACK
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

18	ZC00397	A.K	2026/01/05	T.M	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY		
17	Z241678	A.K	2024/11/29	H.I	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R7			
16	Z240985	A.K	2024/07/24	H.I	GENERAL TOLERANCE.				TITLE CABLINE®-UX II RECEPTACLE ASSEMBLY	SCALE	I-PEX		
15	Z240044	RYO	2024/01/12	H.I	DWG.	DATE				10:1			
14	Z221348	A.K	2022/12/02	H.I	M.Takemoto			2010/07/08		UNIT			
13	Z190765	A.K	2019/06/07	Y.S	CHK.	—				mm			
REV.	ECN	BY	DATE	APP.	APP.	—				DWG. No.			
REVISION RECORD					E.Kawabe				20533		A3	1/7	18

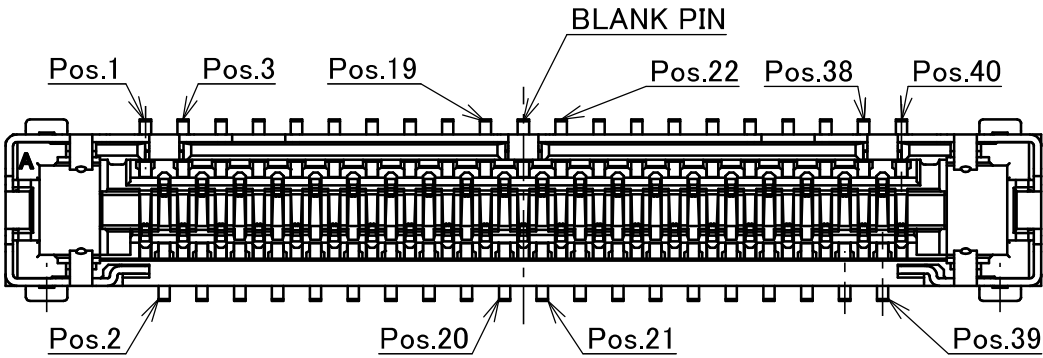
PART No.	Pos
20533-230E	30
20533-234E	34
20533-240E	40
20533-250E	50



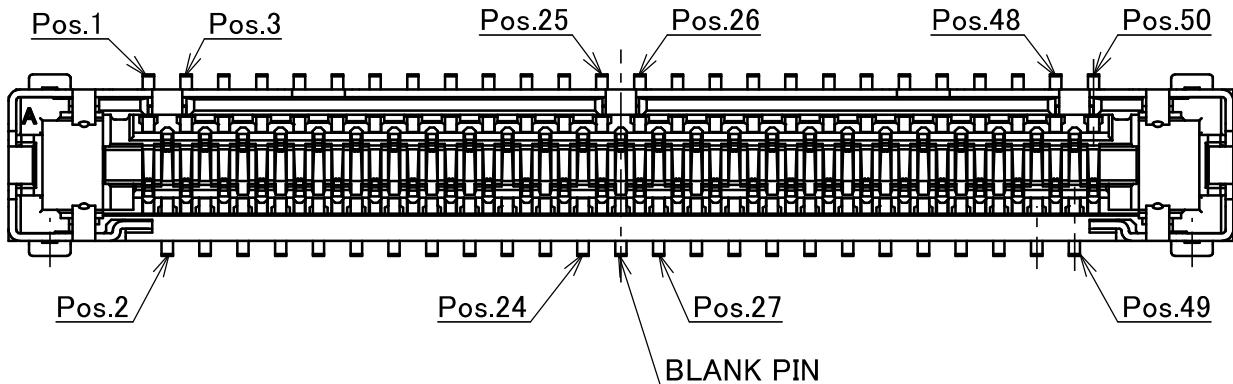
30P CONTACT LAYOUT
(S=10/1)



34P CONTACT LAYOUT
(S=10/1)



40P CONTACT LAYOUT
(S=10/1)



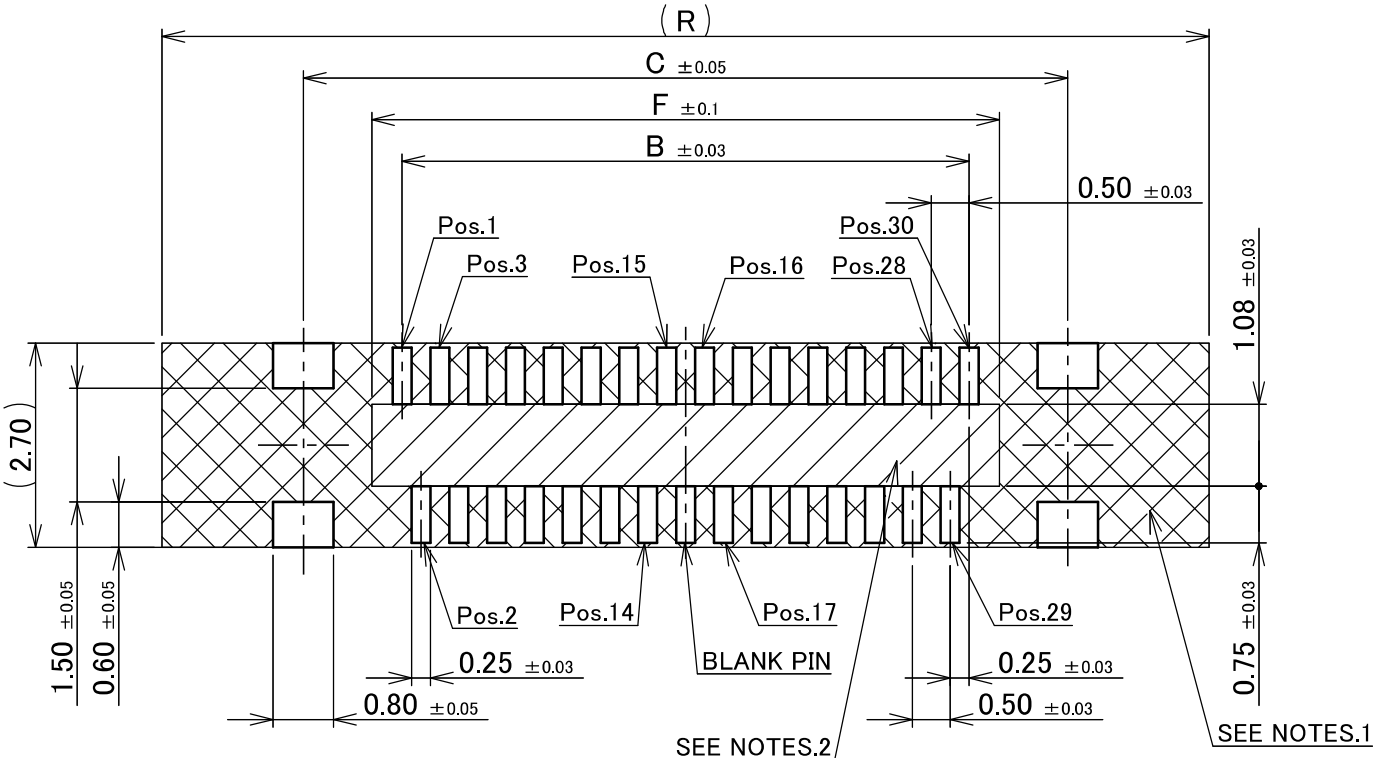
50P CONTACT LAYOUT
(S=10/1)

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R7	CUSTOMER COPY				
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5							
GENERAL TOLERANCE.				TITLE CABLINE® –UX II RECEPTACLE ASSEMBLY		SCALE	I-PEX			
DWG.	DATE					10:1				
CHK.						UNIT				
APP.						mm				
				DWG. No. 20533		SIZE	SHEET	REV.		
						A3	2/7	18		

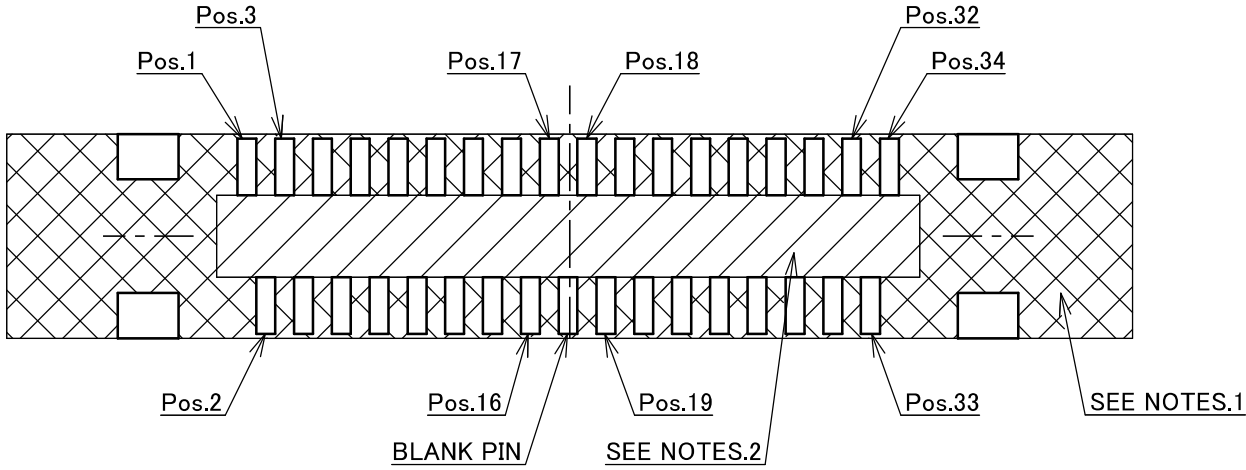
ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 44 ,46 DISCRETE WIRE : AWG#39
RATING VOLTAGE	50V AC (PER CONTACT PIN) ※THIS IS THE RATED VOLTAGE OF THE CONNECTOR. PLEASE NOTE THAT THE RATED VOLTAGE MAY VARY IN THE HARNESS DEPENDING ON THE CABLES USED.
RATING AMPERAGE (FOR CONTACT)	0.50A AC/DC [AWG#39] (PER CONTACT PIN / UP TO 6 CONTACTS) 0.15A AC/DC [AWG#44] 0.10A AC/DC [AWG#46] ※TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURERISE MAY AFFECTEDBY ACTUAL SITUATION
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	75% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 450mohm MAX.(AWG#39) 1080mohm MAX.(AWG#44) 1880mohm MAX.(AWG#46) AFTER TEST : $\triangle$ 40mohm MAX.
GROUND SHELL RESISTANCE	INITIAL : 100mohm MAX. / AFTER TEST : $\triangle$ 40mohm MAX.
INSULATION RESISTANCE	INITIAL : 100Mohm MIN. / AFTER TEST : 100Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC100V 1min
DURABILITY	20 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	30P : 26.4N MAX. 34P : 27.6N MAX. 40P : 29.4N MAX. 50P : 32.4N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	30P : 1.5N MIN. 34P : 1.9N MIN. 40P : 2.5N MIN. 50P : 3.5N MIN.
CABLE RETENTION FORCE	30P : 15.0N MIN. 34P : 17.0N MIN. 40P : 20.0N MIN. 50P : 25.0N MIN.
COPLANARITY	0.10mm MAX.
PRODUCT SPECIFICATION	PRS-2887
TEST REPORT	TR-24028
INSTRUCTION MANUAL	HIM-10001
PACKING STANDARD	300-874
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R7	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UX II RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20533	SIZE	SHEET	REV.
						A3	3/7	18

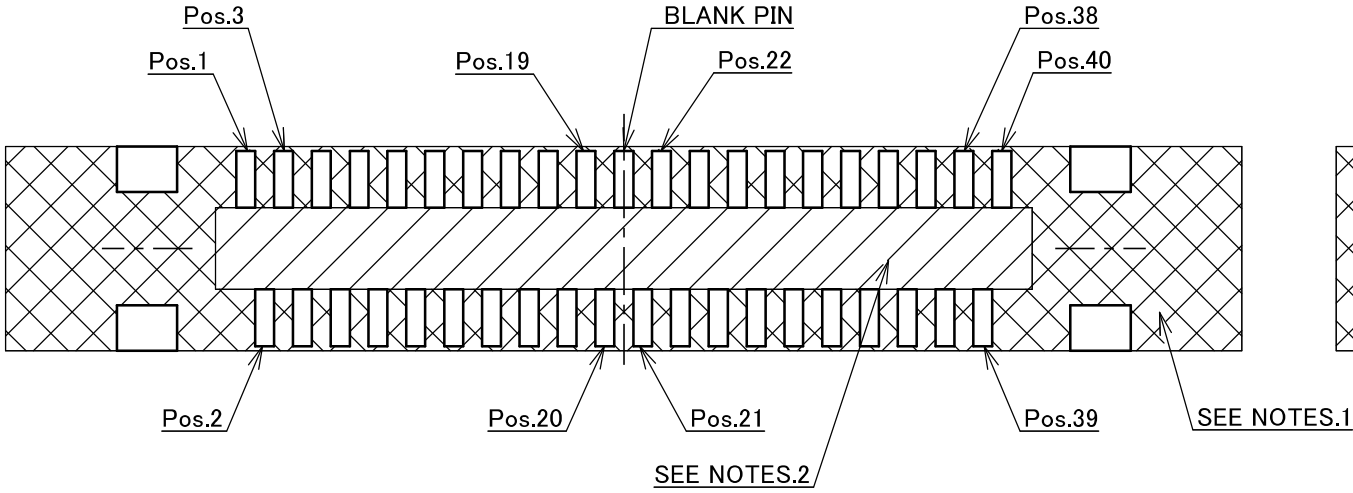
PART No.	Pos	B	C	F	R
20533-230E	30	7.50	10.11	8.30	13.85
20533-234E	34	8.50	11.11	9.30	14.85
20533-240E	40	10.00	12.61	10.80	16.35
20533-250E	50	12.50	15.11	13.30	18.85



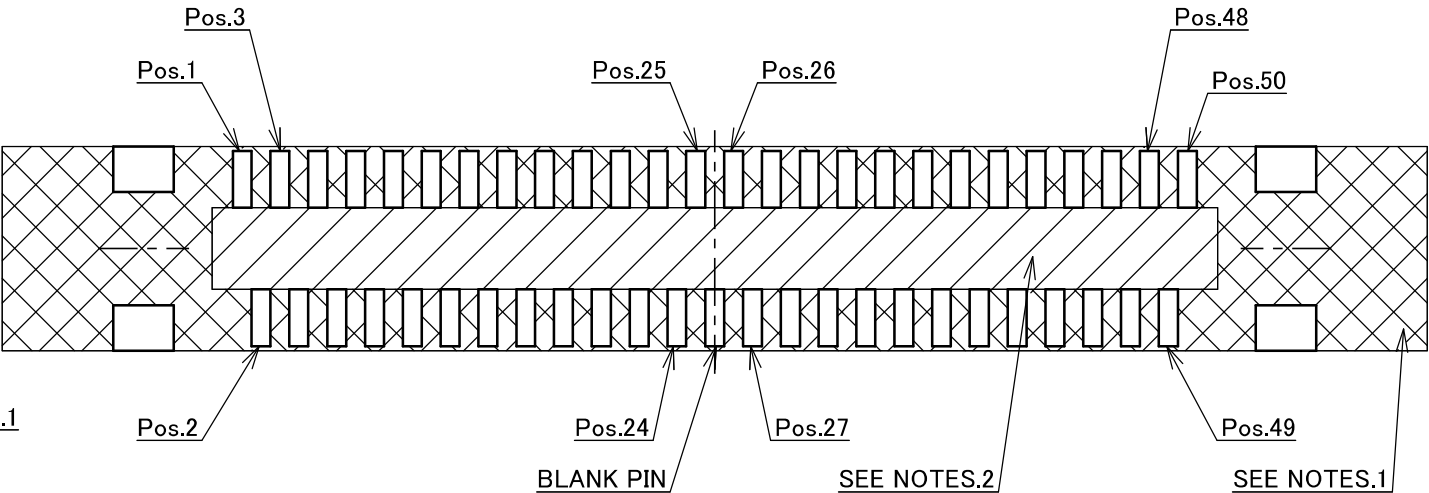
30P RECOMMENDED FOOTPRINT PATTERN LAYOUT



34P RECOMMENDED FOOTPRINT PATTERN LAYOUT



40P RECOMMENDED FOOTPRINT PATTERN LAYOUT

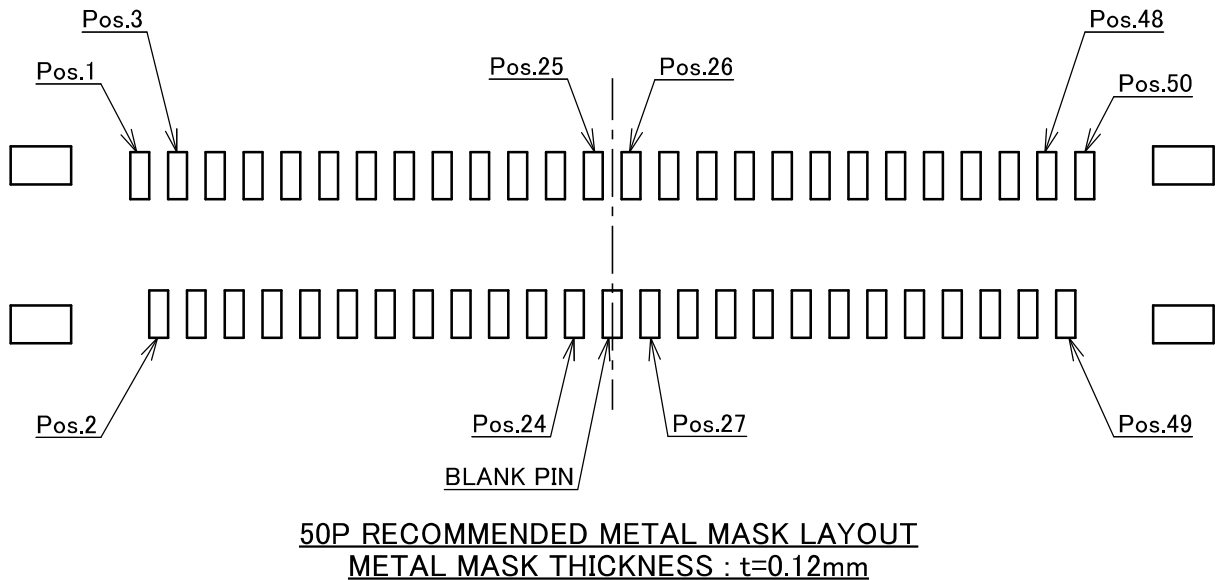
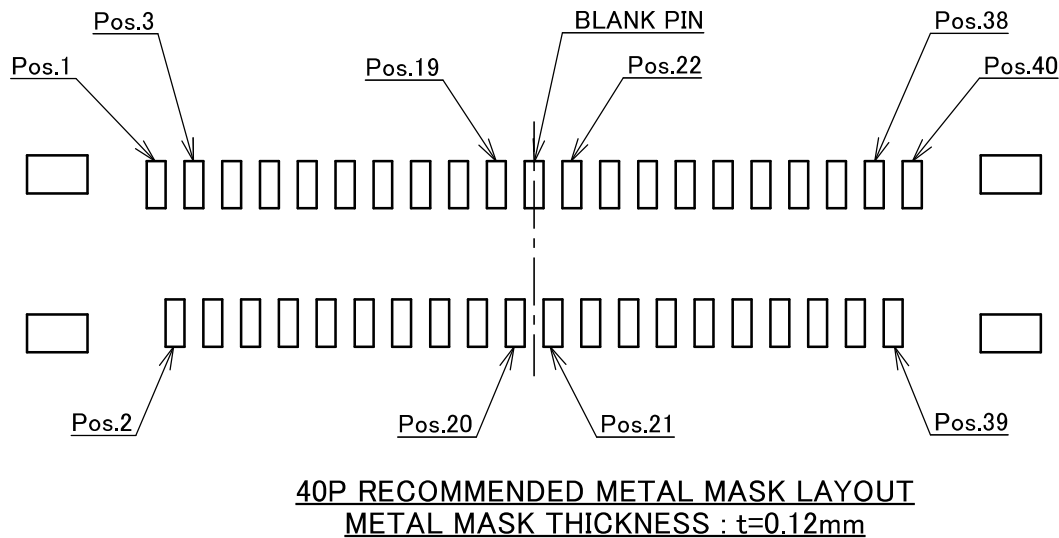
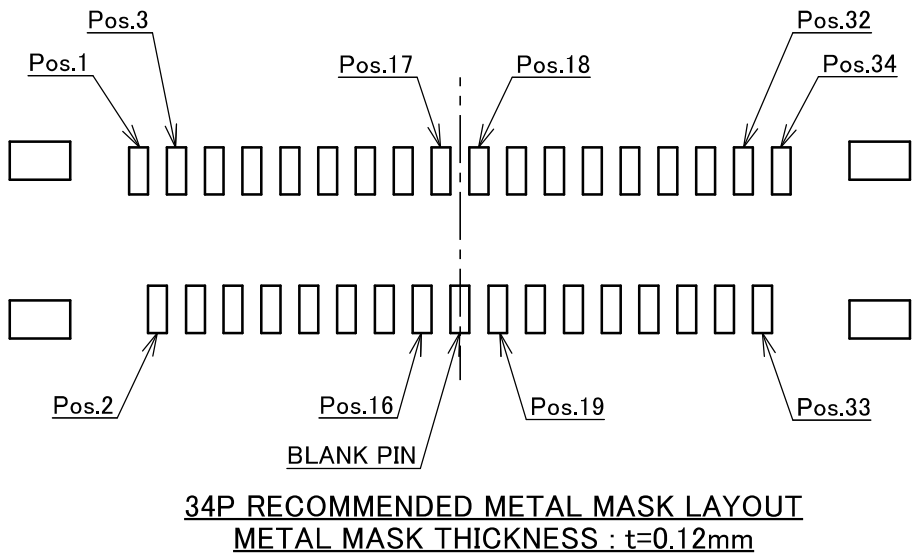
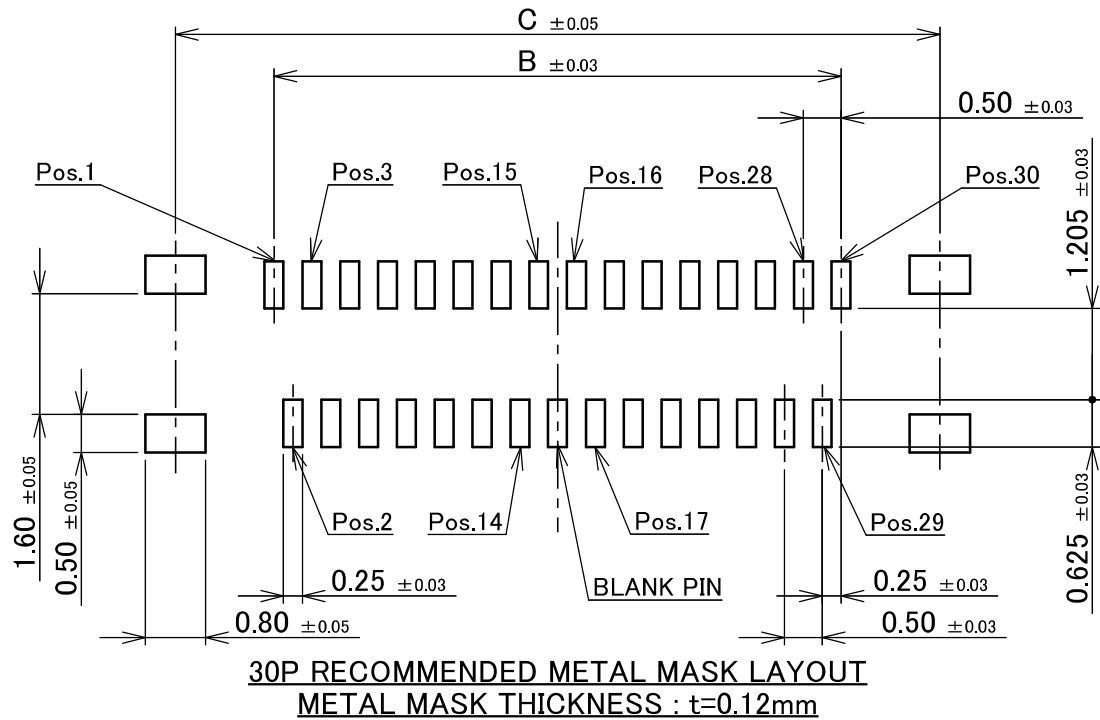


50P RECOMMENDED FOOTPRINT PATTERN LAYOUT

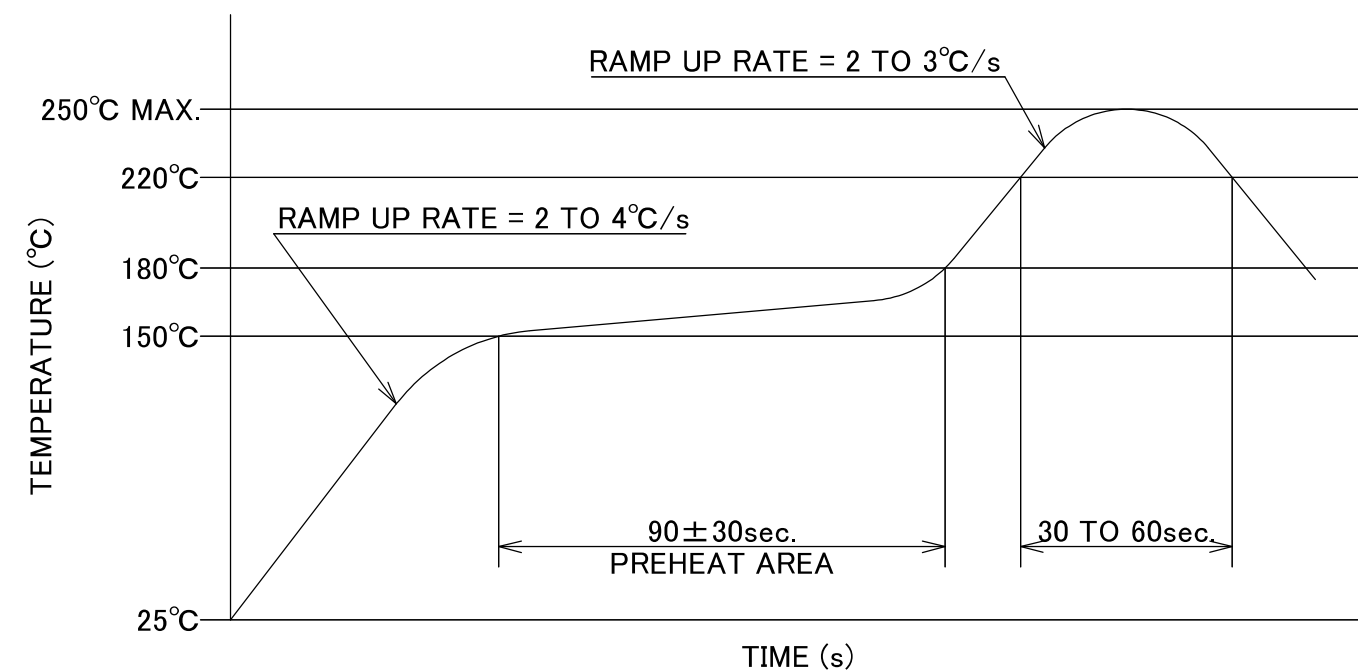
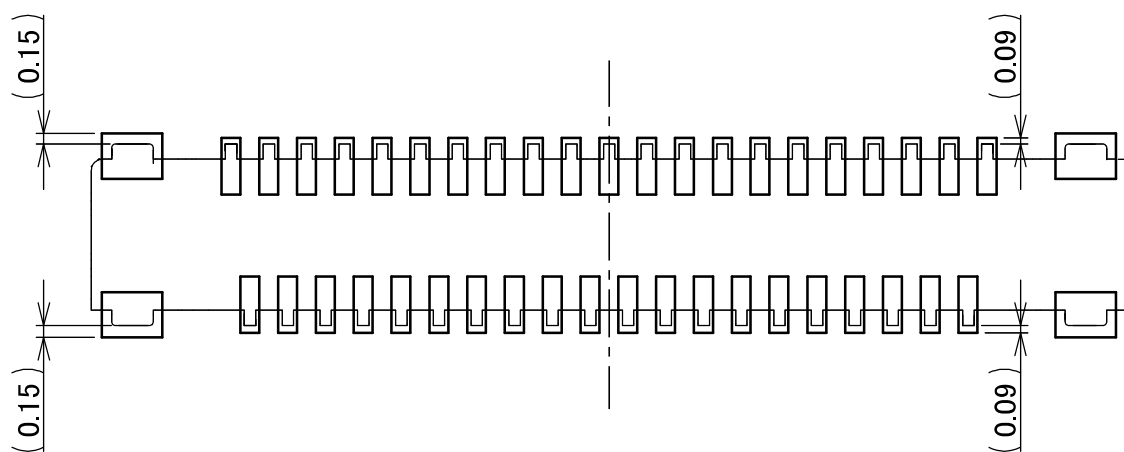
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R7	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE® –UX II RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					10:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20533		SIZE	SHEET	REV.
						A3	4/7	18

NOTES.
1. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
2. SOLDER RESIST MUST BE APPLIED TO THIS AREA.

PART No.	Pos	B	C
20533-230E	30	7.50	10.11
20533-234E	34	8.50	11.11
20533-240E	40	10.00	12.61
20533-250E	50	12.50	15.11



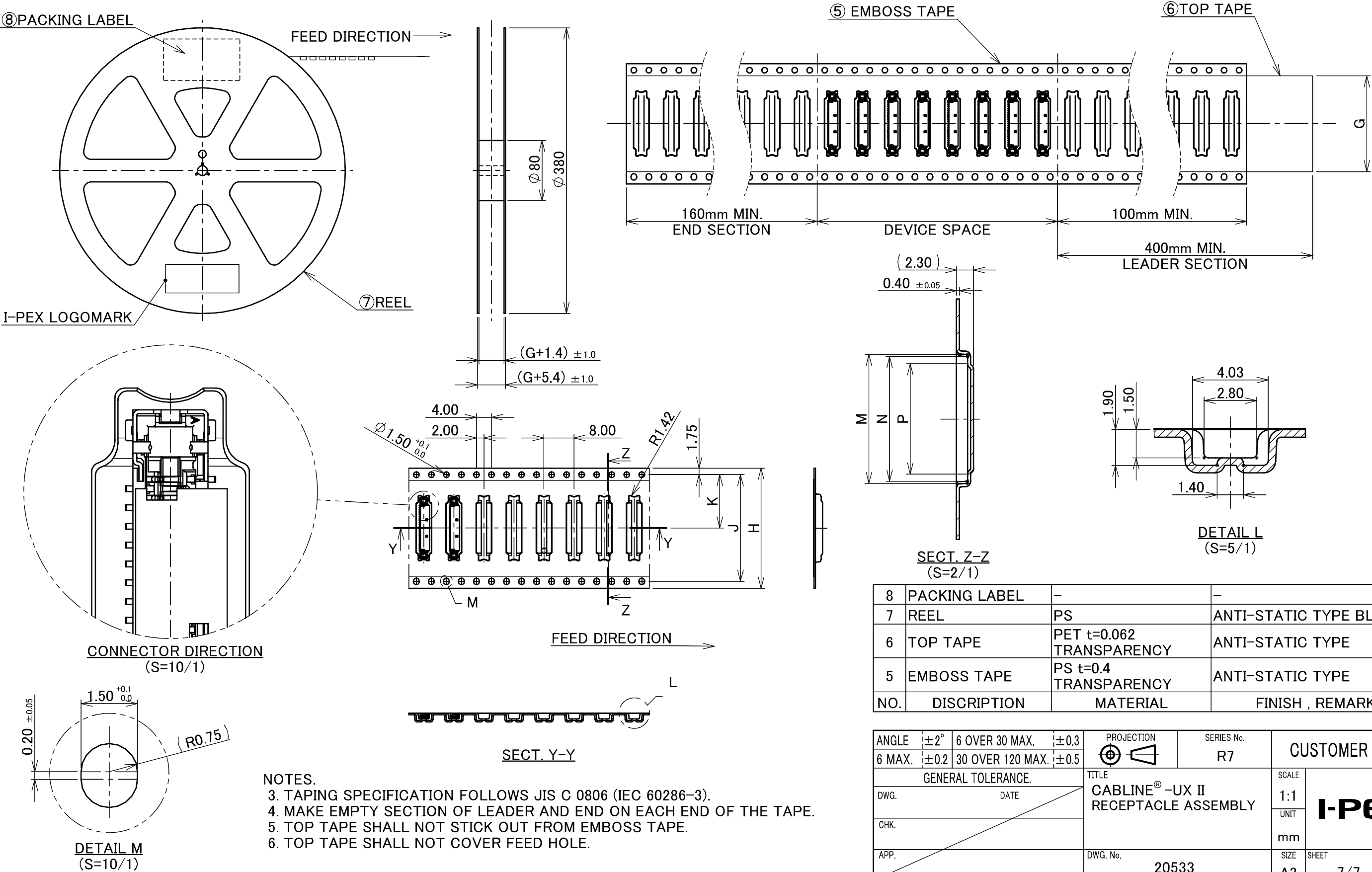
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R7	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE® –UX II RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					10:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20533		SIZE	SHEET	REV.
						A3	5/7	18



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

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R7			
GENERAL TOLERANCE.				 TITLE CABLINE® –UX II RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
						mm		
APP.				DWG. No.	20533	SIZE	SHEET	REV.
						A3	6/7	18

PART No.	Pos.	G	H	J	K	M	N	P	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20533-230E	30	21.3	24.0	-	11.5	12.2	11.6	9.7	5000 / REEL	4 REELS / CARTON = 20000
20533-234E	34	21.3	24.0	-	11.5	13.2	12.6	10.7		
20533-240E	40	21.3	24.0	-	11.5	14.7	14.1	12.2		
20533-250E	50	25.5	32.0	28.4	14.2	17.2	16.6	14.7		3 REELS / CARTON = 15000



8	PACKING LABEL	-	-
7	REEL	PS	ANTI-STATIC TYPE BLACK
6	TOP TAPE	PET t=0.062 TRANSPARENCY	ANTI-STATIC TYPE
5	EMBOSS TAPE	PS t=0.4 TRANSPARENCY	ANTI-STATIC TYPE
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R7			
GENERAL TOLERANCE.				TITLE CABLINE® –UX II RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					1:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20533	SIZE	SHEET	REV.
						A3	7/7	18