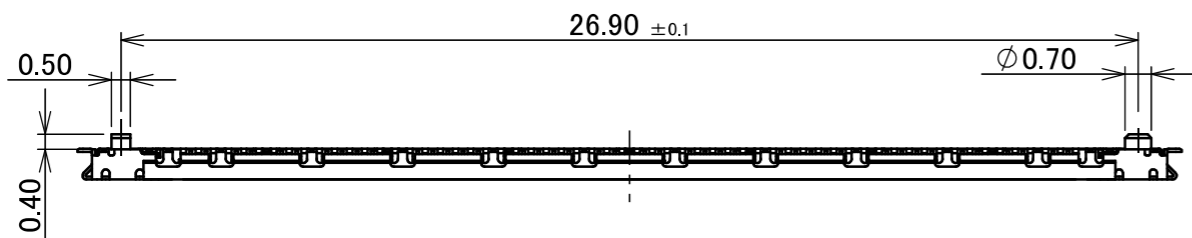
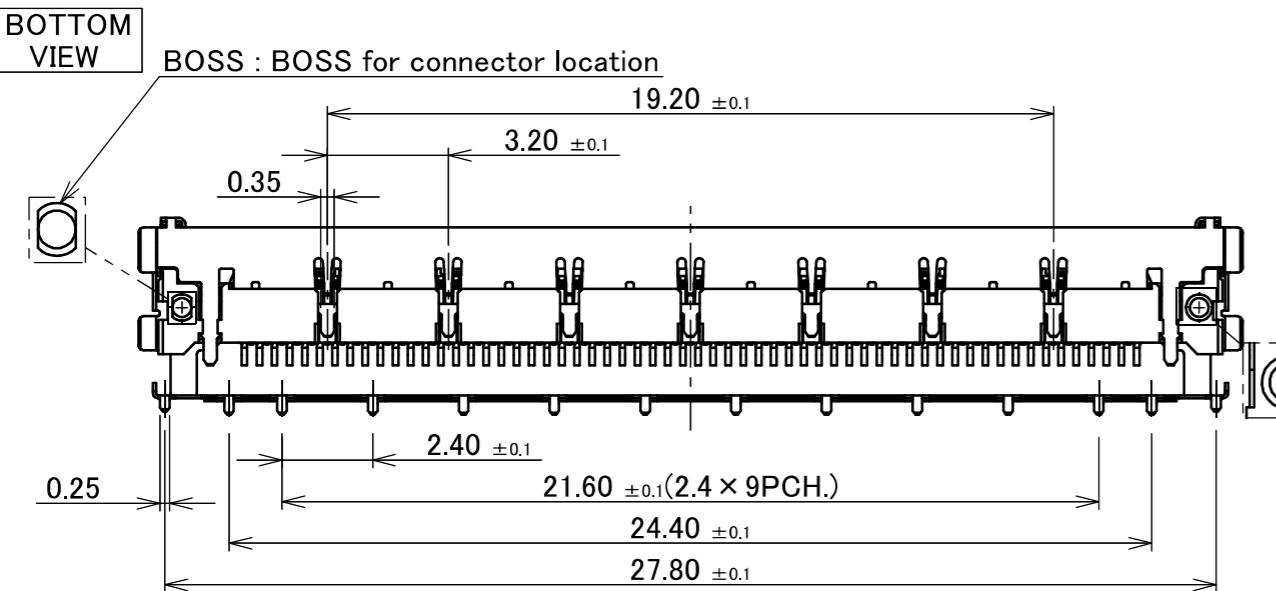
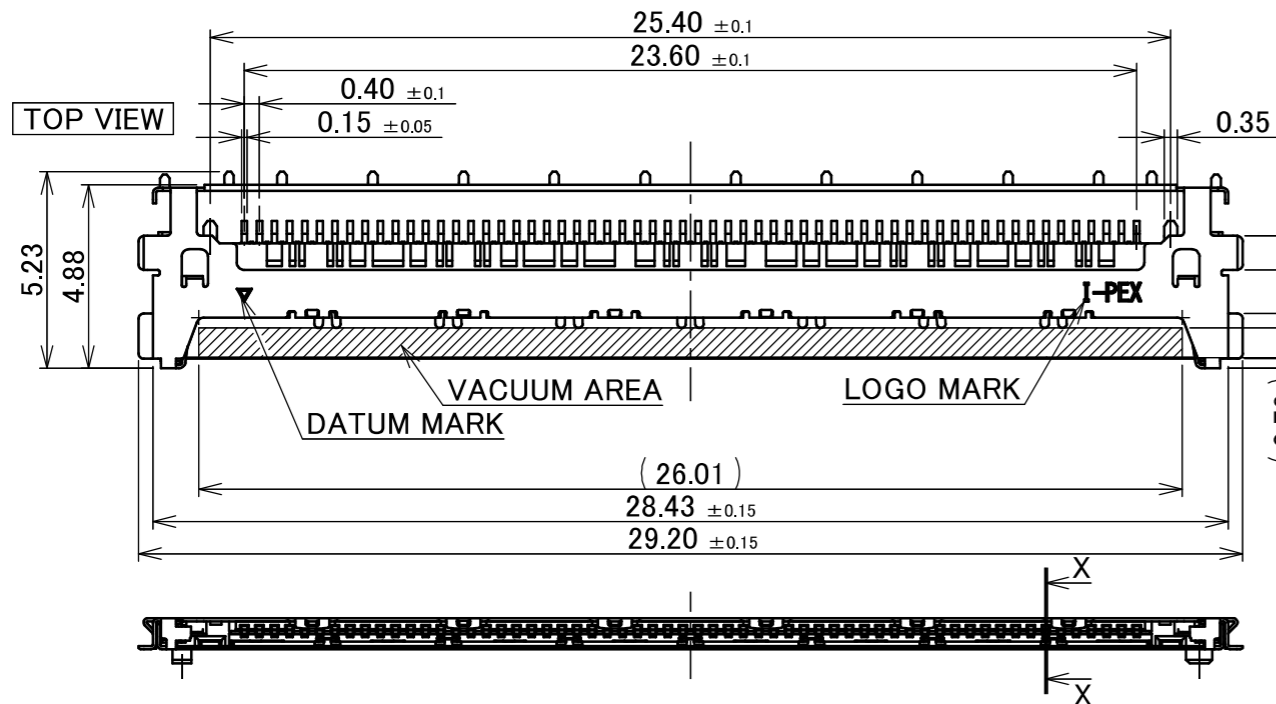


PART NO.	Pos.
20790-060E-##	60

P/N : 20790-0 ** E- ##



Halogen Free RoHS Compliant



- 1 : WITH BOSS
 - 2 : WITHOUT BOSS
- SEE TABLE 1

Pos. 135° MAX.

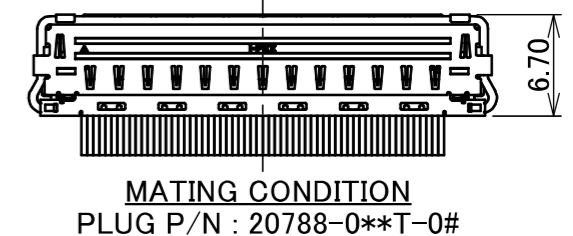
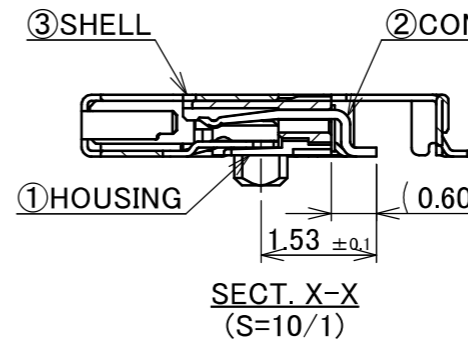
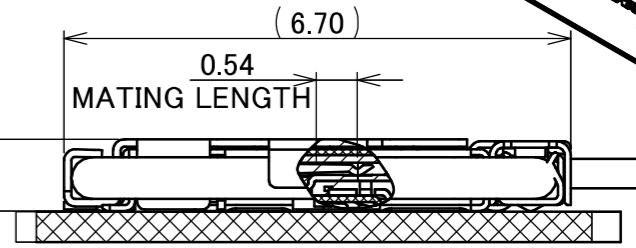
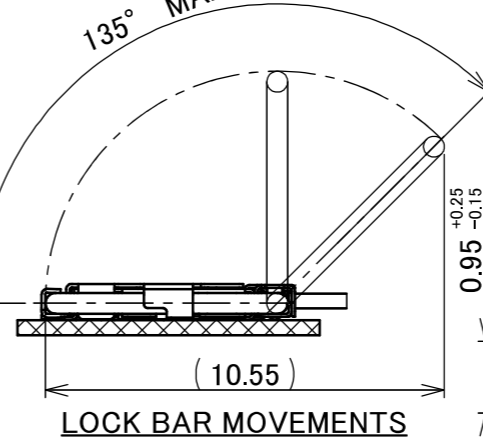


TABLE 1

PART NO.	CONTACT FINISH
20790-0**E-0#	CONTACT & SOLDERING AREA : Au 0.03 μ m MIN. OVER Ni 1.00 μ m MIN.
20790-0**E-1#	CONTACT AREA : Au 0.38 μ m MIN. OVER Ni 1.00 μ m MIN. SOLDERING AREA : Au 0.03 μ m MIN. OVER Ni 1.00 μ m MIN.

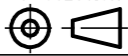

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
3	SHELL	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. SOLDERING AREA : Au 0.03 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE	SEE TABLE 1
1	HOUSING	LCP	UL94V-0 ,BLACK

17	Z250426	K.Hara	Mar./13/'25	H.I	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R0	CUSTOMER COPY		
16	Z250091	K.Hara	Jan./24/'25	H.I	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
15	Z241786	K.Hara	Dec./13/'24	H.I	GENERAL TOLERANCE.				TITLE CABLINER® -CA II PLUS RECEPTACLE ASSEMBLY	SCALE 5:1 UNIT mm	I-PEX		
14	Z241307	K.Hara	Sept./24/'24	H.I	DWG.	DATE							
13	Z240025	K.Hara	Jan./12/'24	H.I	T.Masunaga		2016/11/14						
12	Z230042	K.B	Jan./13/'23	H.I	CHK.	T.Kurachi		2016/11/14					
REV.	ECN	BY	DATE	APP.	APP.	J.Tateishi		2016/11/14	DWG. No.	20790	SIZE	SHEET	REV.
REVISION RECORD					J.Tateishi		2016/11/14		20790		A3	1/6	17

PATENT REGISTERED

FOR CABLINE-CA II PLUS PLUG CABLE ASSEMBLY (DWG. NO. 20788)

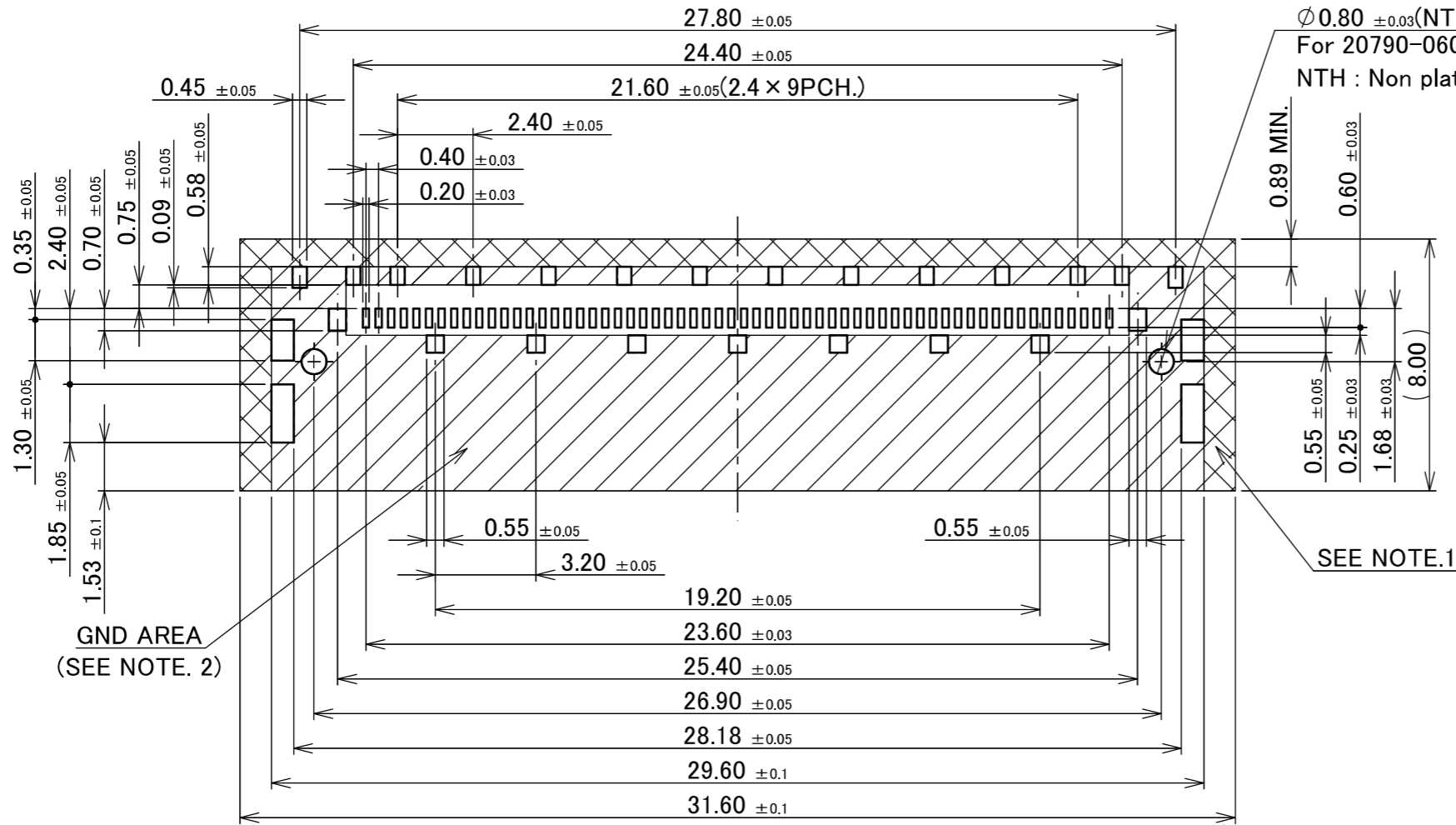
ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 44 , 42 , 40 , 38 , 36 DISCRETE WIRE : AWG# 36 , 34 TWINAX CABLE : AWG# 40 , 42
RATING VOLTAGE	100V AC (PER CONTACT PIN) ※THIS IS THE RATED VOLTAGE OF THE CONNECTOR. PLEASE NOTE THAT THE RATED VOLTAGE MAY VARY IN THE HARNESS DEPENDING ON THE CABLES USED.
RATING AMPERAGE (FOR CONTACT)	0.1A AC/DC [AWG#44] PER CONTACT PIN/UP TO 60 CONTACTS 0.24A AC/DC [AWG#42] PER CONTACT PIN/UP TO 60 CONTACTS 0.3A AC/DC [AWG#40] PER CONTACT PIN/UP TO 60 CONTACTS 0.5A AC/DC [AWG#38] PER CONTACT PIN/UP TO 18 CONTACTS 0.8A AC/DC [AWG#36] PER CONTACT PIN/UP TO 6 CONTACTS 1.0A AC/DC [AWG#34] PER CONTACT PIN/UP TO 6 CONTACTS ※TESTING BY REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION.
OPERATING TEMPERATURE	233~378K(-40°C~105°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENDING)
CONTACT RESISTANCE	INITIAL : 180mohm MAX.(AWG#34) / AFTER TEST : \triangle 40mohm MAX. 275mohm MAX.(AWG#36) 360mohm MAX.(AWG#38) 600mohm MAX.(AWG#40) 700mohm MAX.(AWG#42) 1080mohm MAX.(AWG#44)
GROUND SHELL RESISTANCE	INITIAL : 50mohm MAX. / AFTER TEST : \triangle 40mohm MAX.
INSULATION RESISTANCE	INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER 30 CYCLES)	29.10N MAX.
UN-MATING FORCE (INITIAL / AFTER 30 CYCLES)	6.0N MIN.
CABLE RETENTION FORCE	29.40N MIN.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2261
TEST REPORT	TR-16075, TR-23031
INSTRUCTION MANUAL	HIM-16028
PACKING STANDARD	PST-16078
APPEARANCE CRITERIA NO.	QLS-A***

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R0	CUSTOMER COPY		
	6 MAX.	± 0.2	30 OVER 120 MAX.					
GENERAL TOLERANCE.				TITLE CABLINE®-CA II PLUS RECEPTACLE ASSEMBLY	SCALE 5:1 UNIT mm			
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20790	SIZE A3	SHEET 2/6	REV. 17

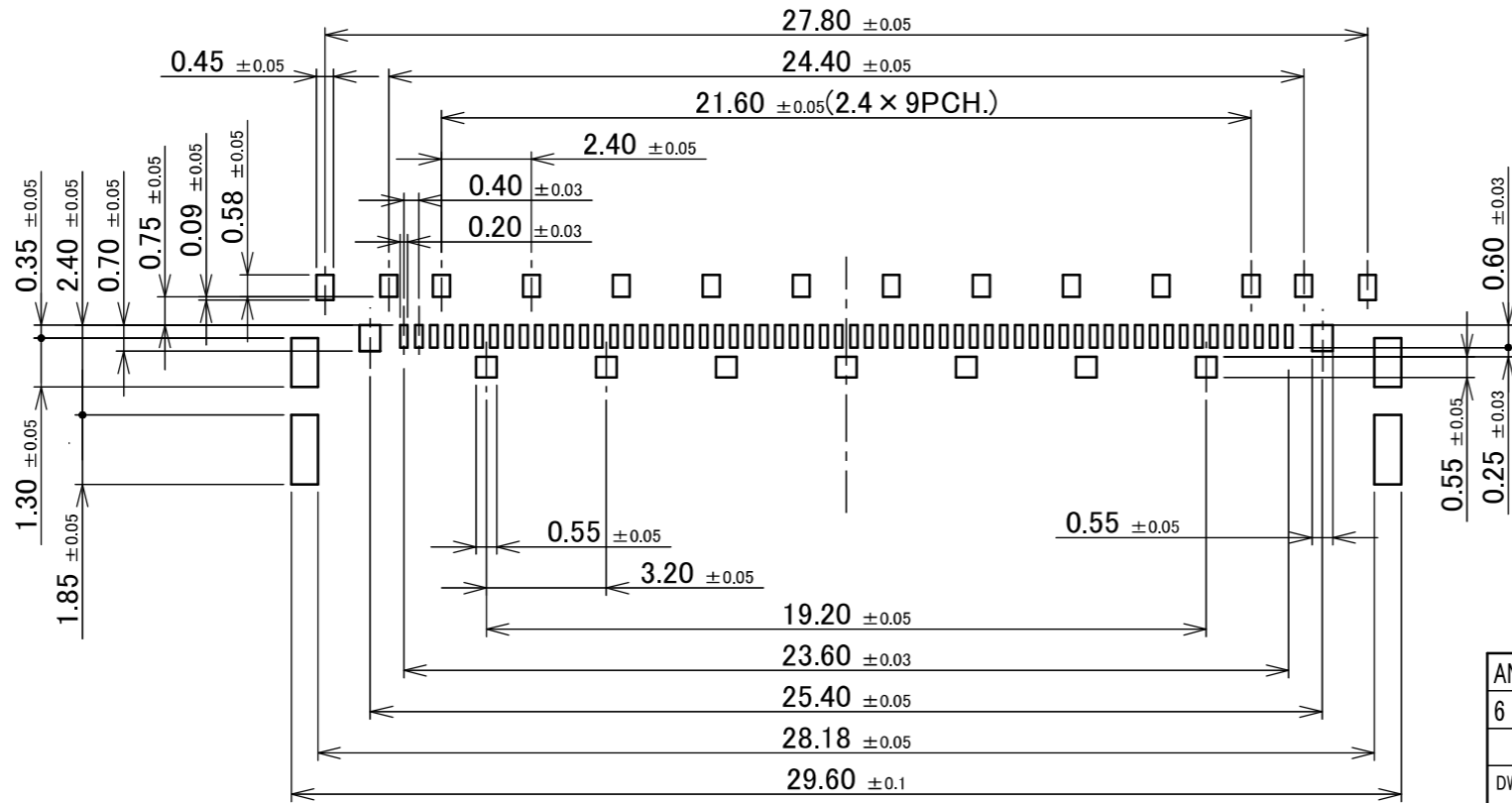
FOR CABLINE-CA IIF PLUS PLUG SHELL ASSEMBLY (DWG. NO. 20901)

ITEMS	SPECIFICATION
RATING VOLTAGE	100V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.3A AC/DC (PER CONTACT PIN) ※TESTING BY REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION.
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 60mohm MAX. / AFTER TEST : \triangleleft 40mohm MAX.
GROUND SHELL RESISTANCE	INITIAL : 60mohm MAX. / AFTER TEST : \triangleleft 40mohm MAX.
INSULATION RESISTANCE	INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	27.0N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	2.88N MIN.
PRODUCT SPECIFICATION	PRS-2893
TEST REPORT	TR-24034
PACKING STANDARD	PST-24023
INSTRUCTION MANUAL	HIM-24010
ASSEMBLY MANUAL	ASM-24004
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R0	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-CA II PLUS RECEPTACLE ASSEMBLY	SCALE 5:1 UNIT mm			
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20790	SIZE A3	SHEET 3/6	REV. 17



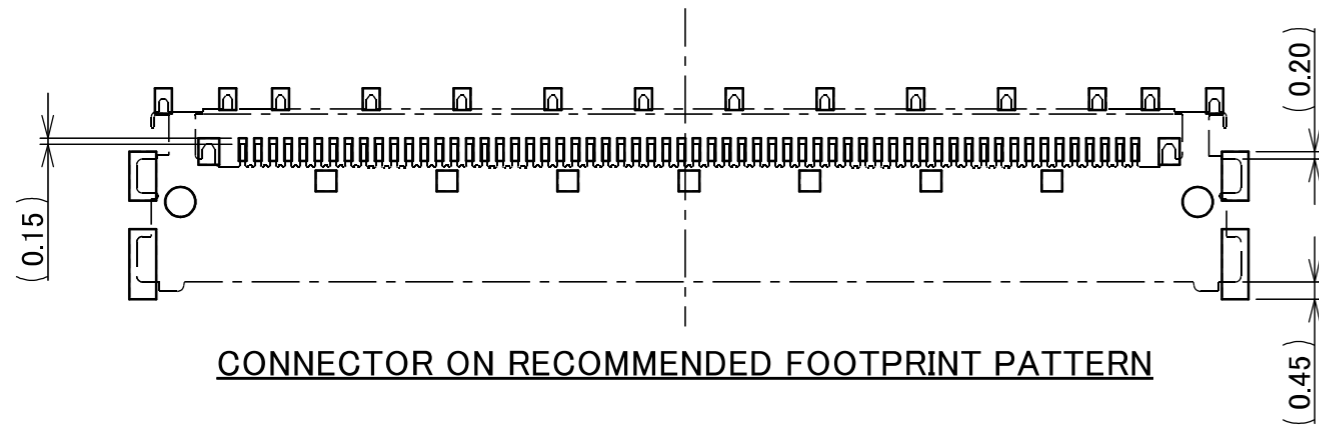
RECOMMENDED FOOTPRINT PATTERN LAYOUT



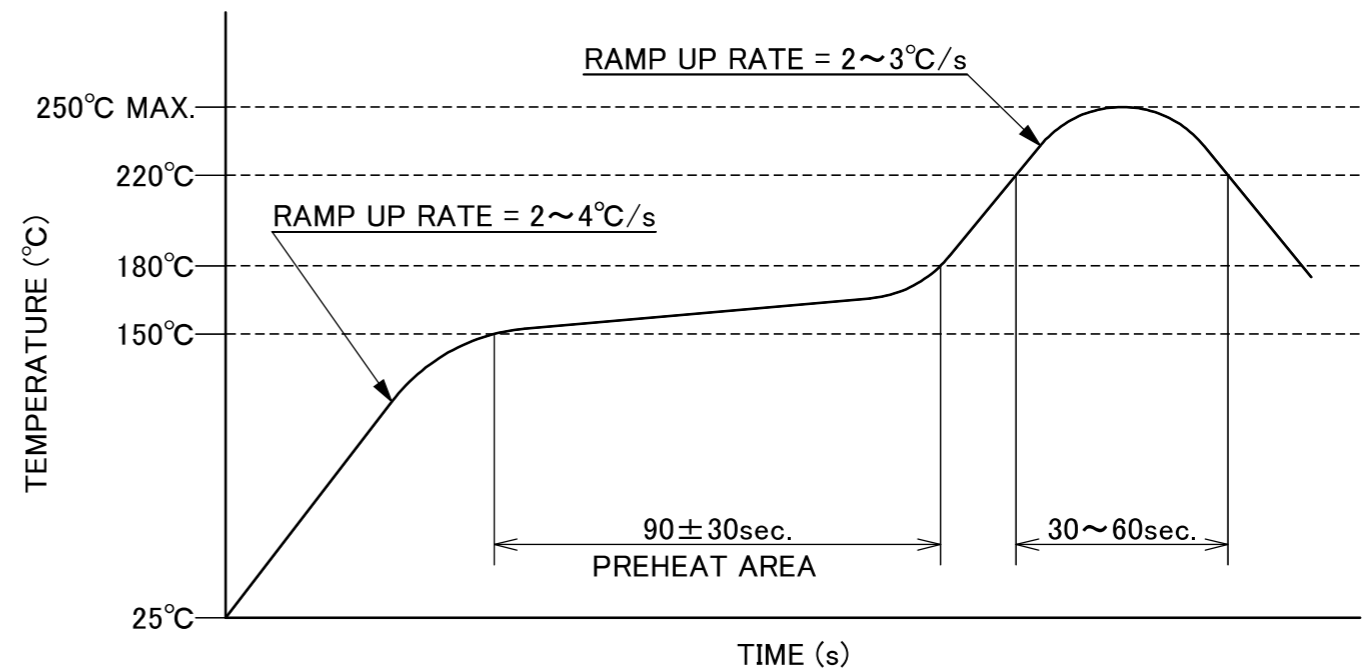
RECOMMENDED METAL MASK LAYOUT
METAL MASK THICKNESS : t=0.12mm

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

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION	SERIES No.	CUSTOMER COPY	
	6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5	R0		
GENERAL TOLERANCE.				TITLE	SCALE	I-PEX	
DWG.	DATE			CABLIN [®] -CA II PLUS RECEPTACLE ASSEMBLY	5:1		
CHK.					UNIT		
APP.				DWG. No.	20790	SIZE	SHEET
						A3	4/6
							REV.
							17



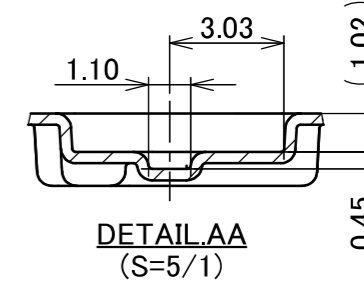
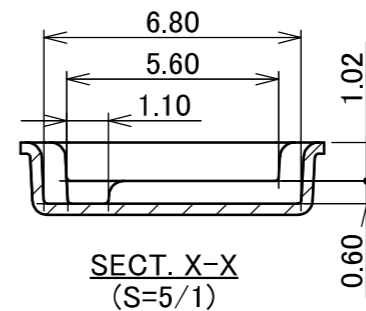
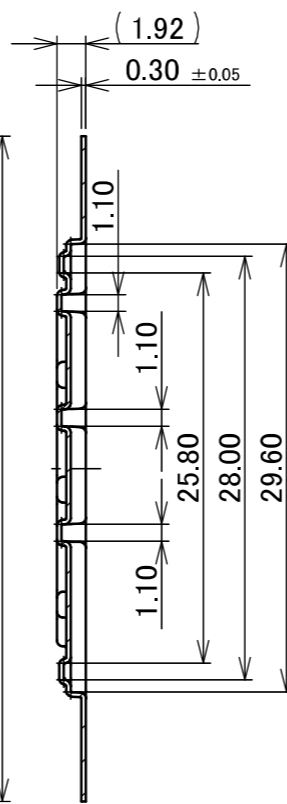
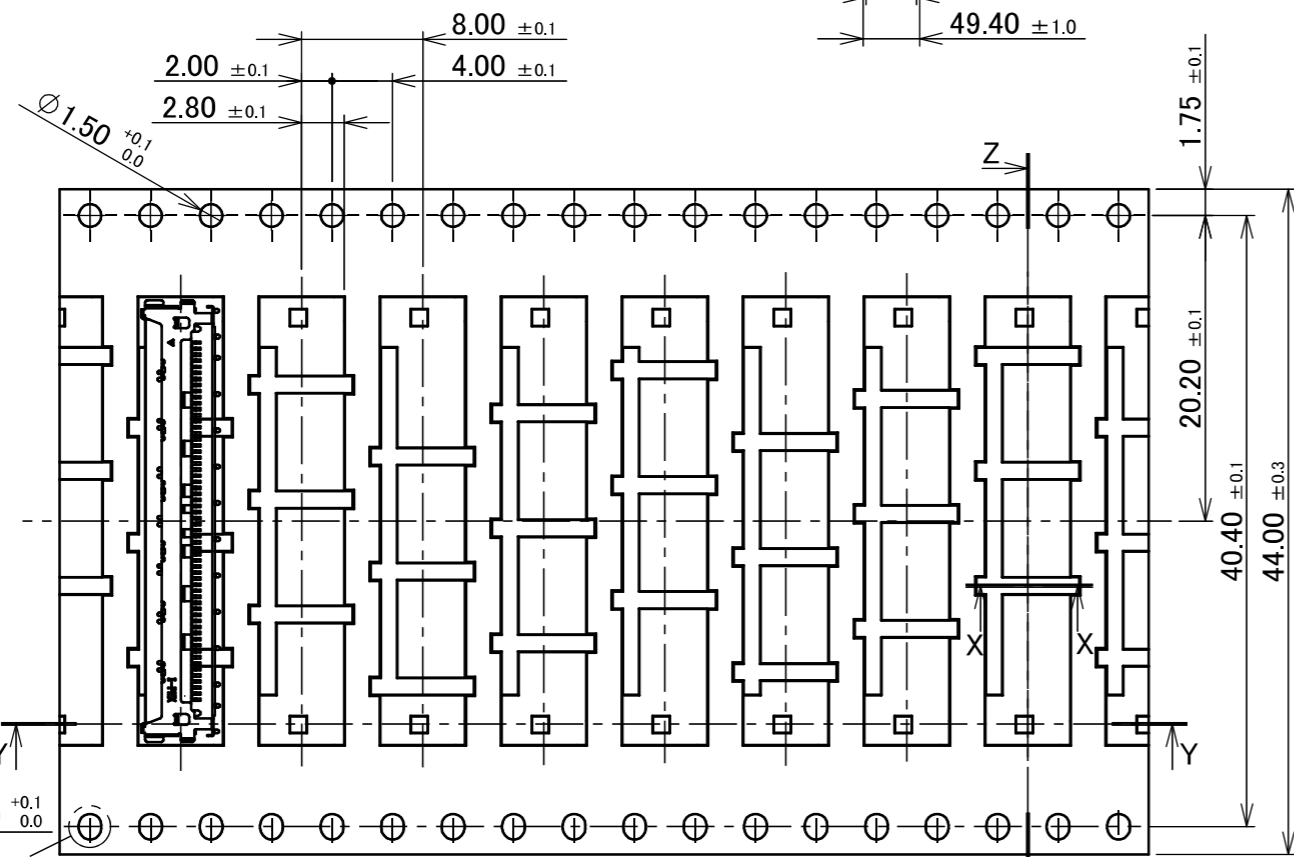
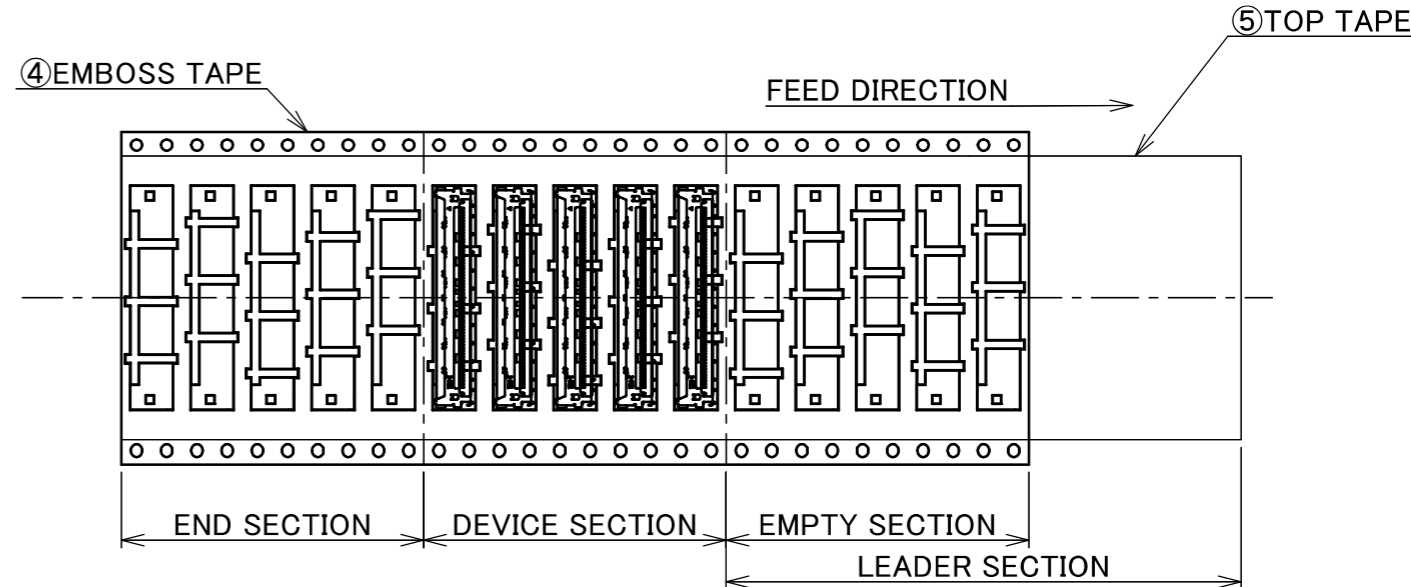
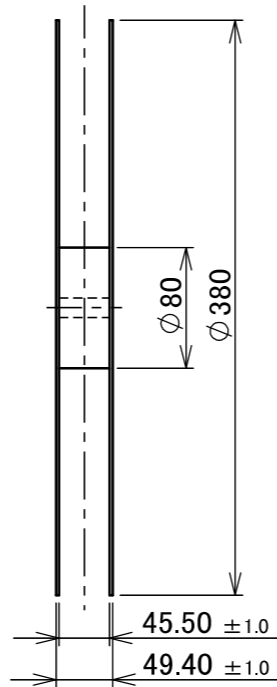
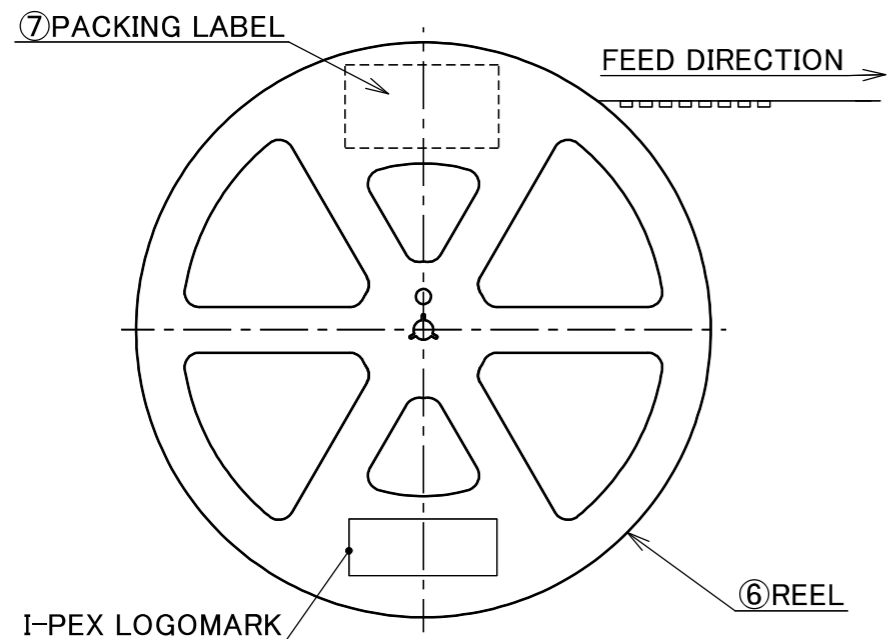
CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



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. R0	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -CA II PLUS RECEPTACLE ASSEMBLY	SCALE 5:1	UNIT I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20790	SIZE A3	SHEET 5/6	REV. 17

PART NO.	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
20790-060E-##	5500 / REEL	3 / CARTON = 16500



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.	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	EMBOS TAPE	PS t=0.3 TRANSPARENCY	ANTI-STATIC TYPE

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R0	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -CA II PLUS RECEPTACLE ASSEMBLY	SCALE 2:1	UNIT I-PEX		
DWG.	DATE							
CHK.								
APP.								
DWG. No.	20790			SIZE A3	SHEET 6/6	REV. 17		