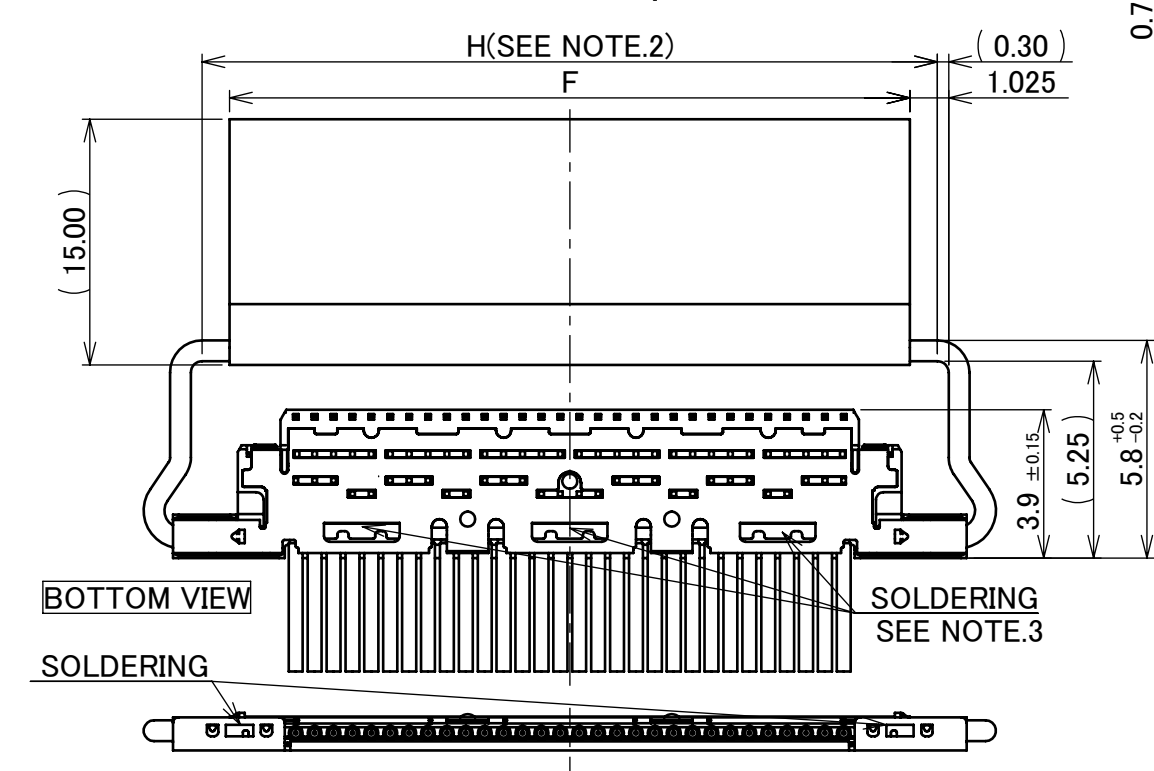
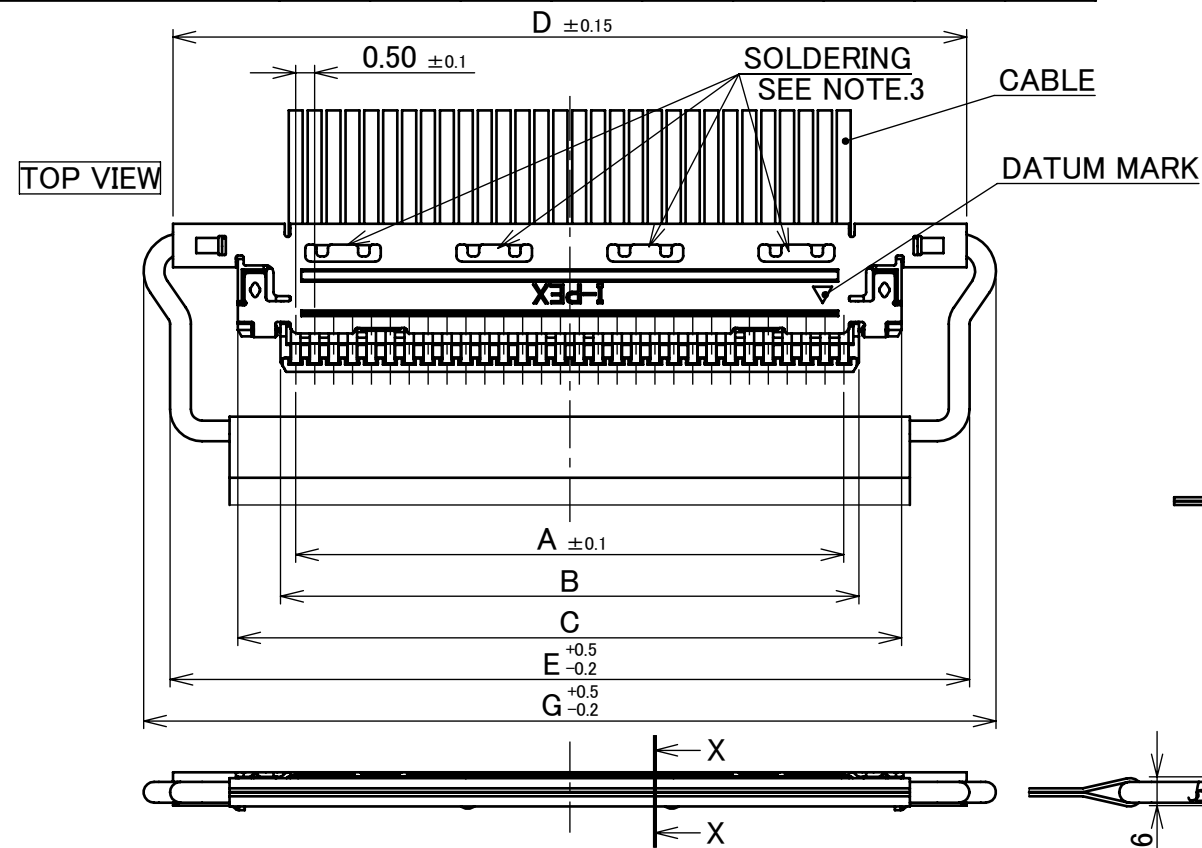


PART NO.	Pos.	A	B	C	D	E	F	G	H
20453-#20T-#1	20	9.50	10.30	12.56	16.00	16.15	13.00	17.55	14.45
20453-#30T-#1	30	14.50	15.30	17.56	21.00	21.15	18.00	22.55	19.45
20453-#40T-#1	40	19.50	20.30	22.56	26.00	26.15	23.00	27.55	24.45
20453-#50T-#1S	50	24.50	25.30	27.56	31.00	31.15	28.00	32.55	29.45

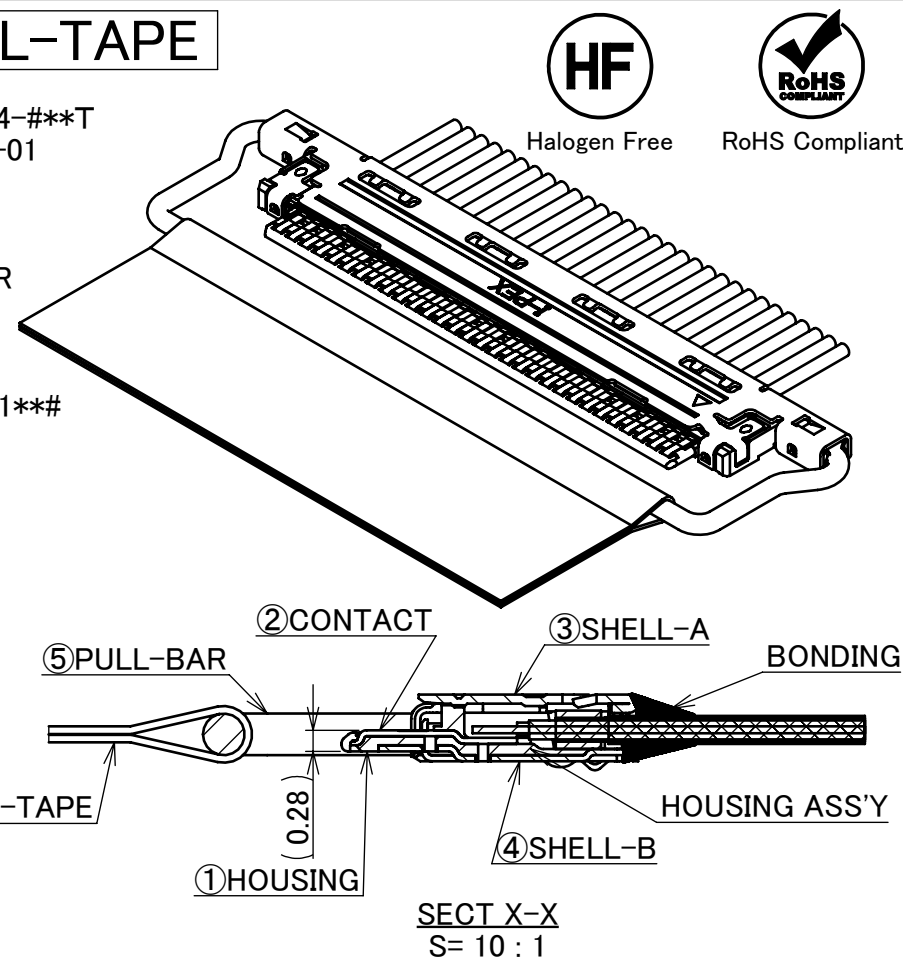
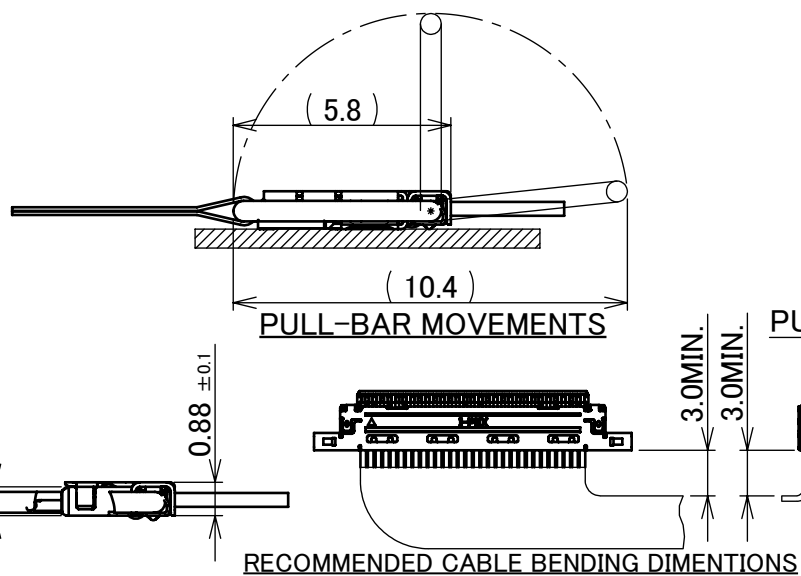


- NOTES.
- 1.RECOMMENDED PULL-TAPE
PULL-TAPE : TERAOKA's INSULATION TAPE No.650S(#50) t=0.08
 - 2.PULL-TAPE CAN BE PUT WITHIN THE RANGE OF "H"(STRAIGHT AREA)
 - 3.SOLDERING IS ONLY A CASE WITH GND-BAR

PATENT REGISTERED

WITH PULL-BAR & PULL-TAPE

- P/N:20453- # **T-# # #
- NOTHING : HOUSING ASS'Y P/N 20454-##*T
 - S : HOUSING ASS'Y P/N 20454-##*T-01
 - 1 : WITH PULL-BAR P/N 2576-0**-00
 - 2 : WITHOUT PULL-BAR
 - 3 : WITH INSULATION COAT PULL-BAR P/N 2576-1**-00
 - 0 : WITH DATUM MARK P/N 2574-0**#
 - 1 : WITHOUT DATUM MARK P/N 2574-1**#
- SEE TABLE.1



PART NO.	CABLE ASS'Y PART NO.	HOUSING ASS'Y PART NO.	SHELL-A PART NO.	PULL-BAR PART NO.
	20453-0**T-#1#	20454-0**T-##	2574-##*	2576-0**-00
	20453-2**T-#1#	20454-2**T-##	2574-##*2	2576-0**-00

TABLE.1

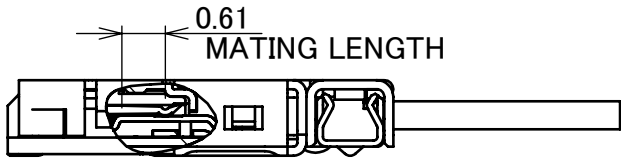
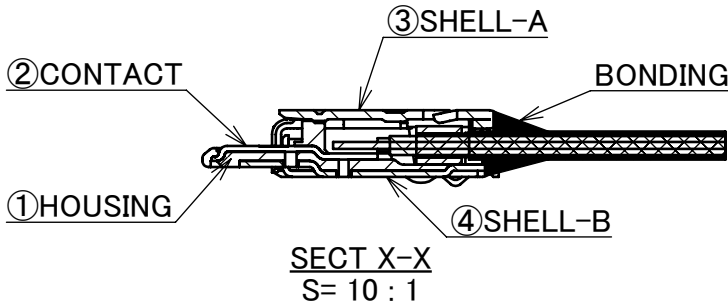
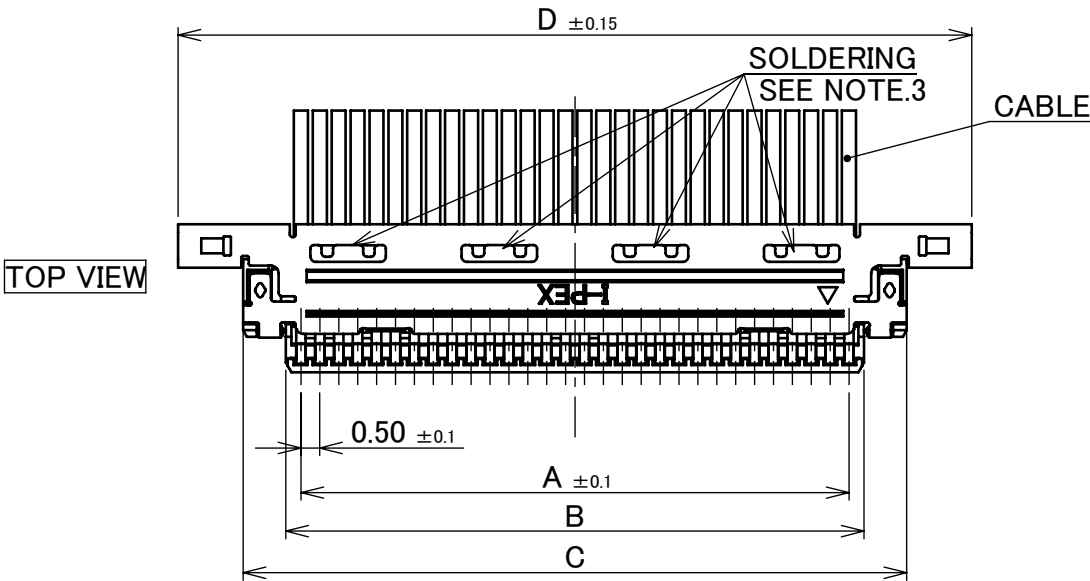
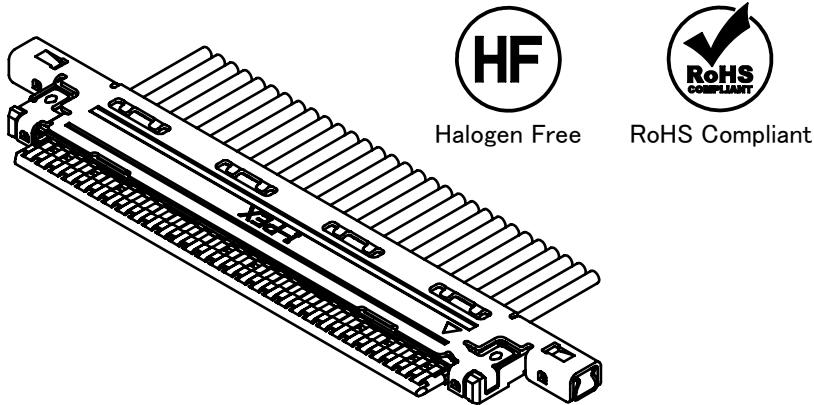
PART NO.	CONTACT FINISH	SHELL-A FINISH	SHELL-B FINISH
20453-0**T-###	CONTACT AREA : Au 0.1 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING AREA : Au 0.05 μm MIN. OVER Ni 1.00 μm MIN.	TOP SIDE : Au 0.05 μm MIN. OVER Ni 1.00 μm MIN. BOTTOM SIDE : Au 0.015 μm MIN. OVER Ni 1.00 μm MIN.	TOP SIDE : Au 0.015 μm MIN. OVER Ni 1.00 μm MIN. BOTTOM SIDE : Au 0.05 μm MIN. OVER Ni 1.00 μm MIN.
20453-2**T-###	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.	TOP SIDE : Au 0.03 μm MIN. OVER Ni 1.00 μm MIN. BOTTOM SIDE : Ni 1.00 μm MIN.(THERE IS THE POSSIBILITY THAT Au ATTACHES RANDOMLY)	TOP SIDE : Ni 1.00 μm MIN.(THERE IS THE POSSIBILITY THAT Au ATTACHES RANDOMLY) BOTTOM SIDE : Au 0.03 μm MIN. OVER Ni 1.00 μm MIN.

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
5	PULL-BAR	SUS	
4	SHELL-B	PHOSPHOR BRONZE	SEE ABOVE TABLE.1
3	SHELL-A	PHOSPHOR BRONZE	SEE ABOVE TABLE.1
2	CONTACT	PHOSPHOR BRONZE	SEE ABOVE TABLE.1
1	HOUSING	LCP	UL94V-0, BLACK

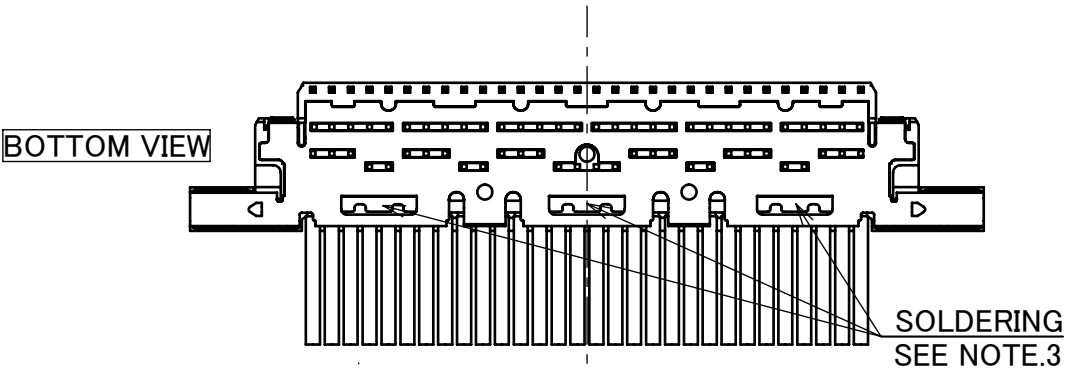
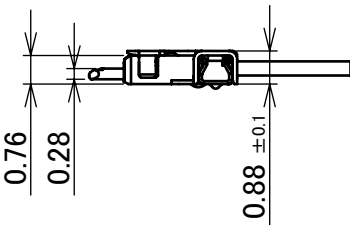
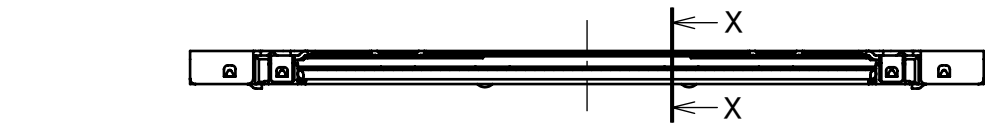
34	Z231013	T.Ono	Sept./27/'23	T.M	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R11R3R0	CUSTOMER COPY		
33	Z211561	R.M	Dec./21/'21	H.I	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
32	Z211259	R.M	Oct./18/'21	H.I	GENERAL TOLERANCE.				TITLE CABLINE® -VS PLUG CABLE ASSEMBLY	SCALE 5:1	I-PEX		
31	Z210160	R.M	Feb./17/'21	H.I	DWG.	DATE							
30	Z201153	T.Ono	Nov./05/'20	H.I	H.Ikari			2007/09/27					
29	Z191177	R.M	Sept./16/'19	H.I	CHK.								
REV.	ECN	BY	DATE	APP.	APP.	DWG. No.				20453	SIZE A3	SHEET 1/6	REV. 34
REVISION RECORD					E.Kawabe								

PART NO.	Pos.	A	B	C	D
20453-#20T-#2	20	9.50	10.30	12.56	16.00
20453-#30T-#2	30	14.50	15.30	17.56	21.00
20453-#40T-#2	40	19.50	20.30	22.56	26.00
20453-#50T-#2S	50	24.50	25.30	27.56	31.00

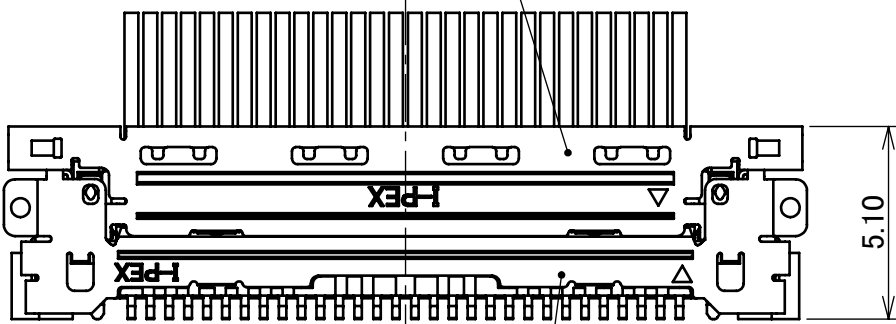
WITHOUT PULL-BAR



MATING CONDITION



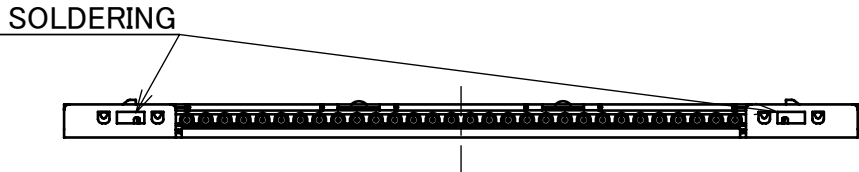
PLUG P/N: 20453-#**T-#2#



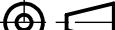
RECEPTACLE P/N: 20455-#**E-##

PART NO.

CABLE ASS'Y PART NO.	HOUSING ASS'Y PART NO.	SHELL-A PART NO.	PULL-BAR PART NO.
20453-0**T-#2#	20454-0**T-##	2574-###	-
20453-2**T-#2#	20454-2**T-##	2574-##*2	-

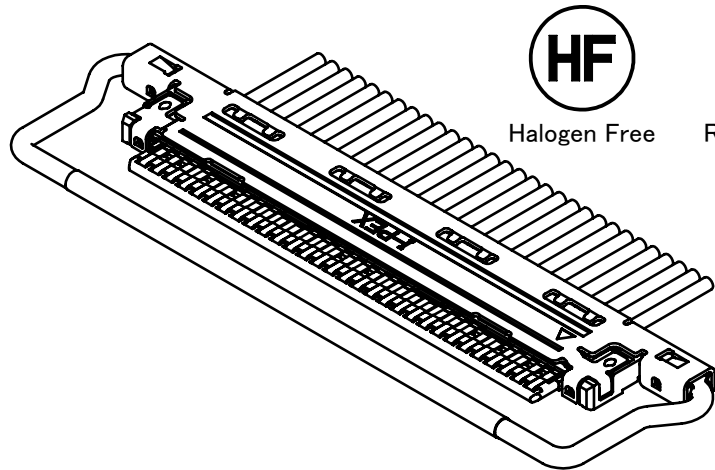


PATENT REGISTERED

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R11R3R0			
GENERAL TOLERANCE.				TITLE CABLINE® -VS PLUG CABLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	SIZE	SHEET	REV.	
				20453	A3	2/6	34	

PART NO.	Pos.	A	B	C	D	E	G
20453-#20T-#3	20	9.50	10.30	12.56	16.00	16.15	17.55
20453-#30T-#3	30	14.50	15.30	17.56	21.00	21.15	22.55
20453-#40T-#3	40	19.50	20.30	22.56	26.00	26.15	27.55
20453-#50T-#3S	50	24.50	25.30	27.56	31.00	31.15	32.55

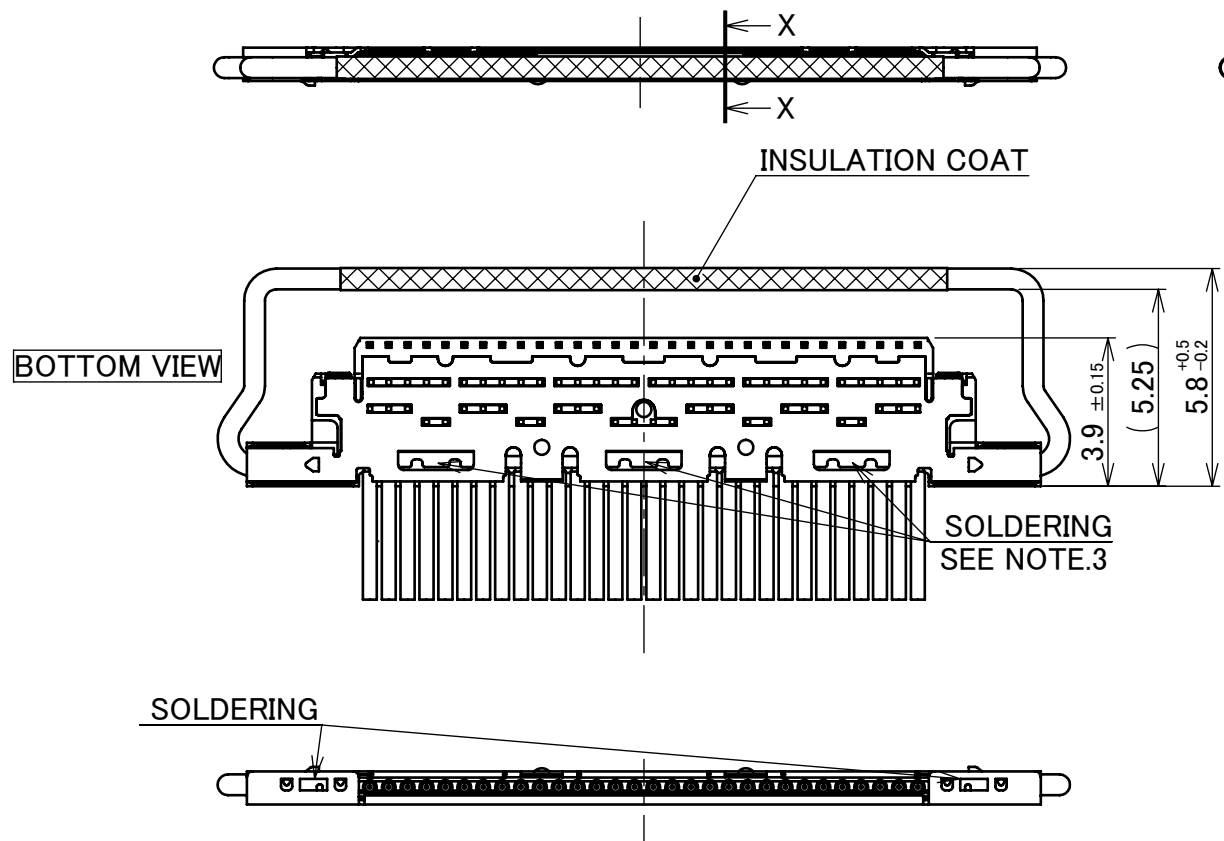
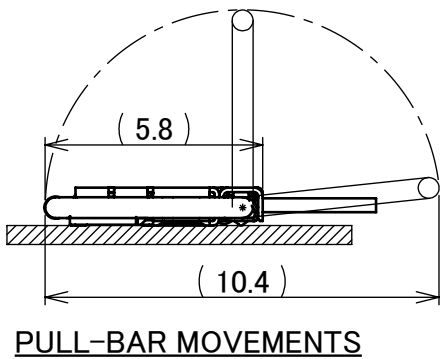
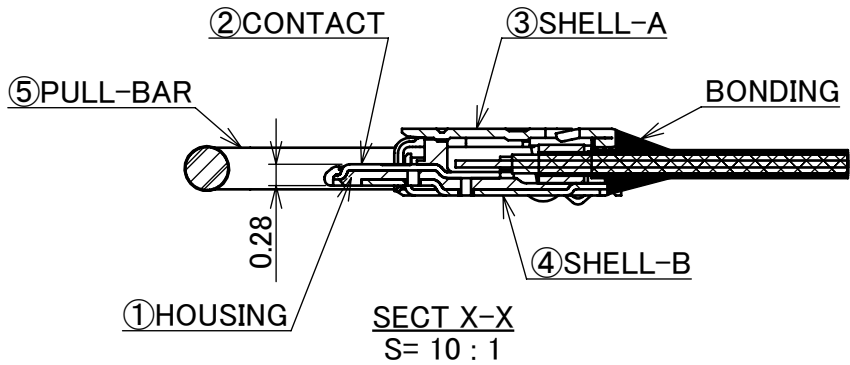
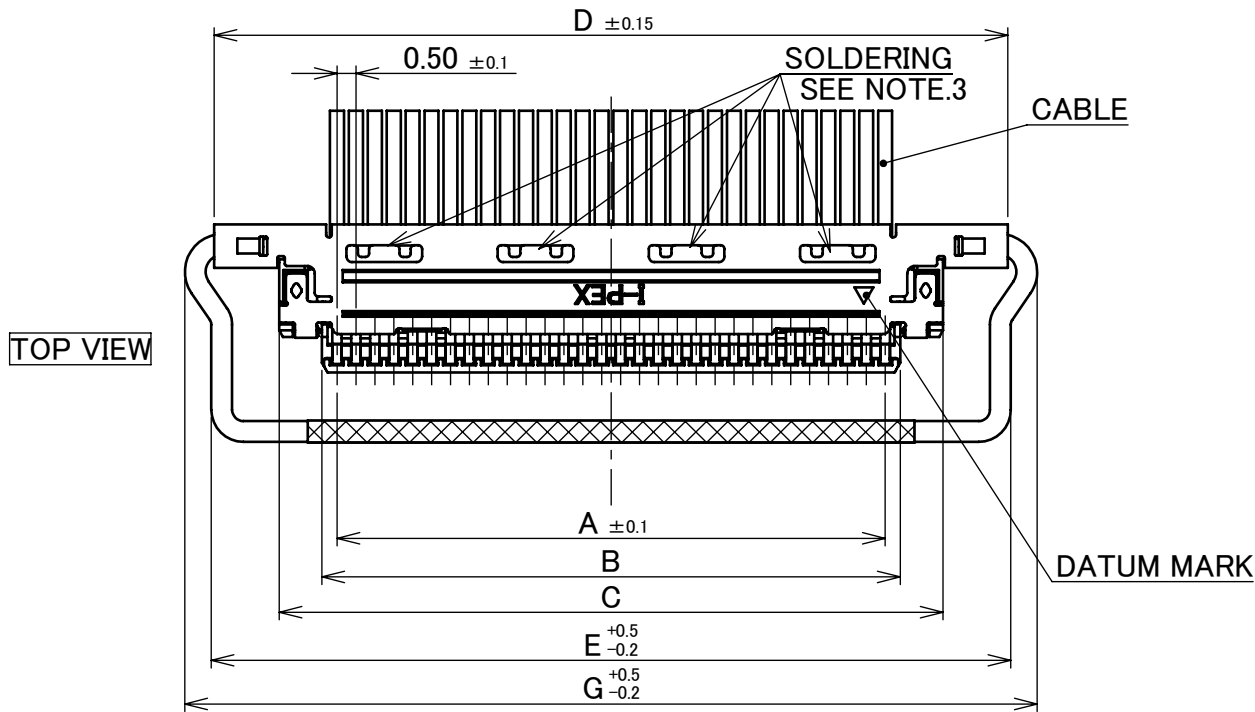
WITH INSULATION COAT PULL-BAR



Halogen Free



RoHS Compliant



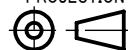
PART NO.

CABLE ASS'Y PART NO.	HOUSING ASS'Y PART NO.	SHELL-A PART NO.	PULL-BAR PART NO.
20453-0**T-#3#	20454-0**T-##	2574-***	2576-1**-00
20453-2**T-#3#	20454-2**T-##	2574-***2	2576-1**-00

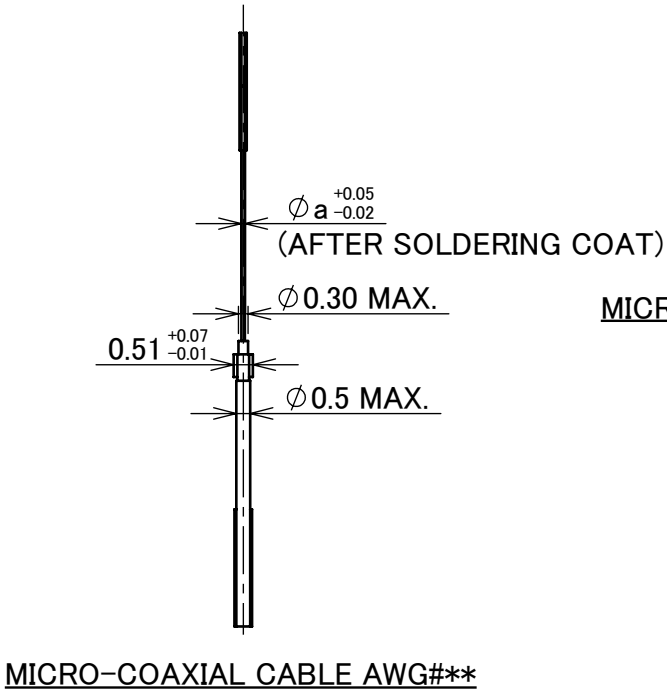
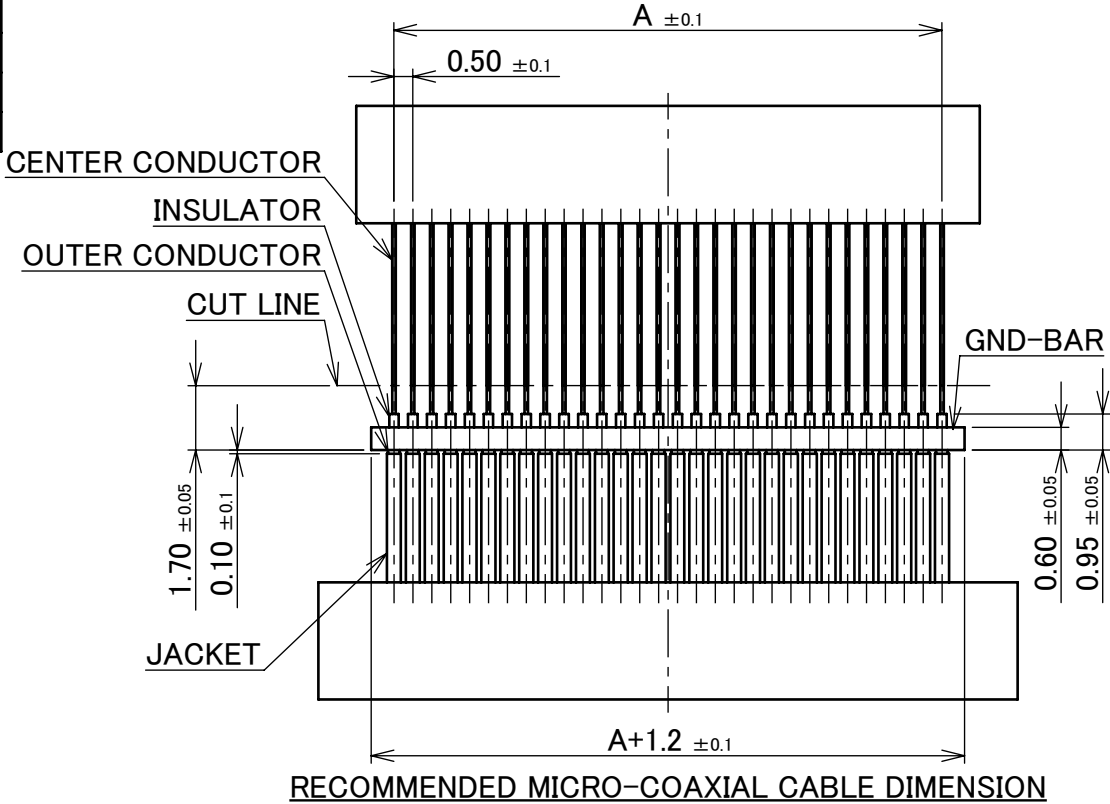
ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R11R3R0	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE® -VS PLUG CABLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20453		SIZE	SHEET	REV.
						A3	3/6	34

PATENT REGISTERED

ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 44, 42, 40, 38, 36 DISCRETE WIRE : AWG# 36, 34, 32 TWINAX CABLE : AWG# 40
RATING VOLTAGE	100V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR CONTACT)	0.1A AC/DC [AWG#44] PER CONTACT PIN/UP TO 50 CONTACTS 0.24A AC/DC [AWG#42] PER CONTACT PIN/UP TO 50 CONTACTS 0.3A AC/DC [AWG#40] PER CONTACT PIN/UP TO 50 CONTACTS 0.5A AC/DC [AWG#38] PER CONTACT PIN/UP TO 14 CONTACTS 0.8A AC/DC [AWG#36] PER CONTACT PIN/UP TO 10 CONTACTS 1.0A AC/DC [AWG#34] PER CONTACT PIN/UP TO 6 CONTACTS 1.0A AC/DC [AWG#32] PER CONTACT PIN/UP TO 6 CONTACTS TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERTURE RISE MAY AFFECTED BY ACTUAL SITUATION.
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% R.H. MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 140mohm MAX.(AWG#32) / AFTER TEST : $\triangle$ 40mohm MAX. 180mohm MAX.(AWG#34) 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 TEST)	20P : 9.45N MAX. 30P : 12.15N MAX. 40P : 16.20N MAX. 50P : 20.25N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	20P : 2.0N MIN. 30P : 3.0N MIN. 40P : 4.0N MIN. 50P : 5.0N MIN.
CABLE RETENTION FORCE	20P : 9.80N MIN. 30P : 14.70N MIN. 40P : 19.60N MIN. 50P : 24.50N MIN.
PRODUCT SPECIFICATION	PRS-1427
TEST REPORT	TR-08047 (20453-0**T-###) / TR-13084 (20453-2**T-###)
INSTRUCTION MANUAL	HIM-08004
ASSEMBLY MANUAL	ASM-08003
APPEARANCE CRITERIA No.	QLS-A***

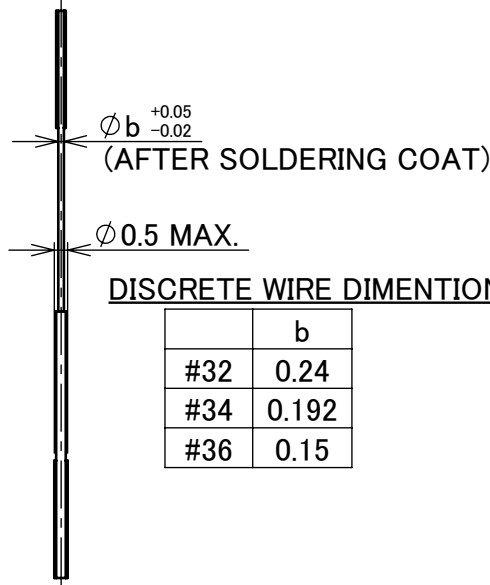
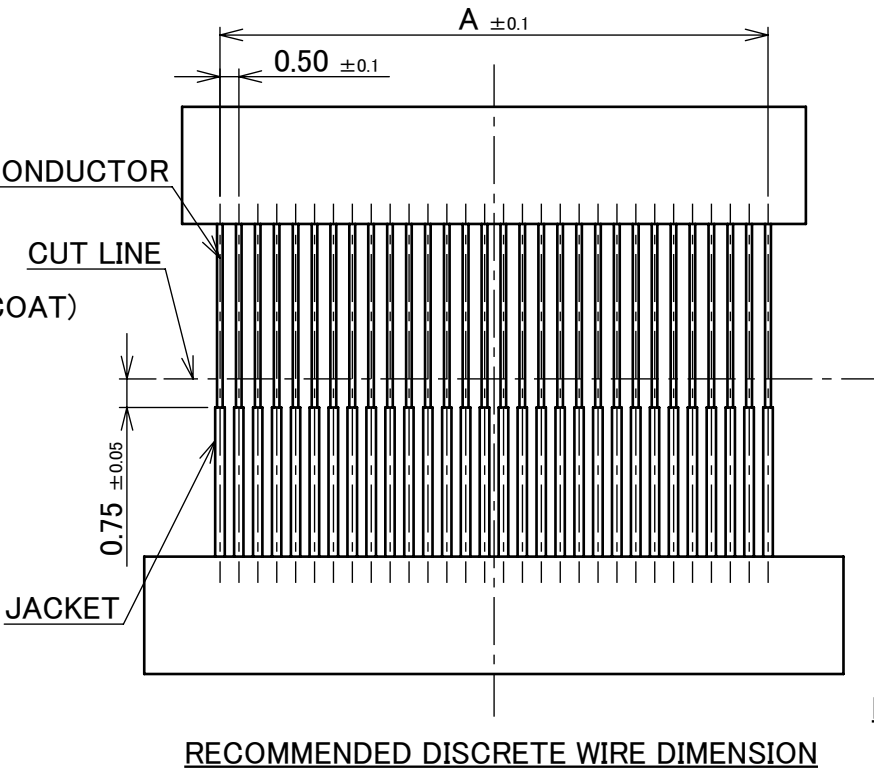
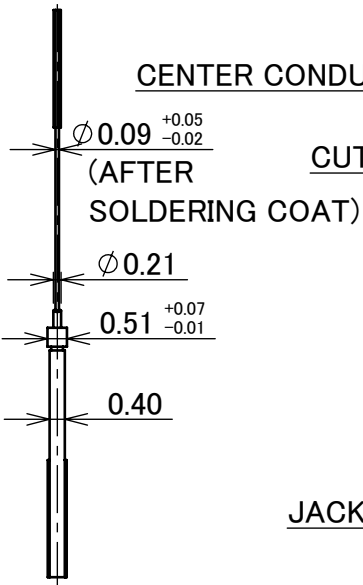
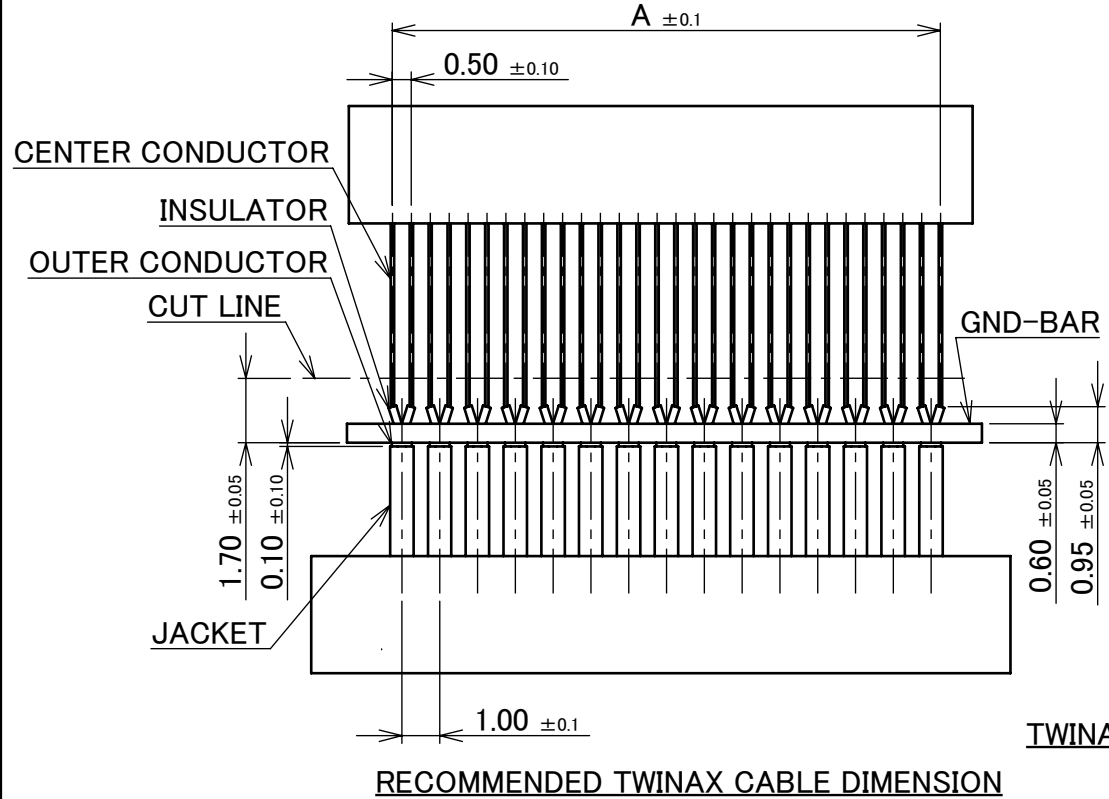
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R11R3R0	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE® -VS PLUG CABLE ASSEMBLY		SCALE		
DWG.	DATE					5:1		
CHK.						UNIT		
			mm					
APP.				DWG. No.	20453	SIZE	SHEET	REV.
						A3	4/6	34

PART NO.	Pos.	A
20453-#20T-##	20	9.50
20453-#30T-##	30	14.50
20453-#40T-##	40	19.50
20453-#50T-##S	50	24.50



	a
#36	0.15
#38	0.12
#40	0.09
#42	0.075
#44	0.063

MICRO-COAXIAL CABLE AWG#**



	b
#32	0.24
#34	0.192
#36	0.15

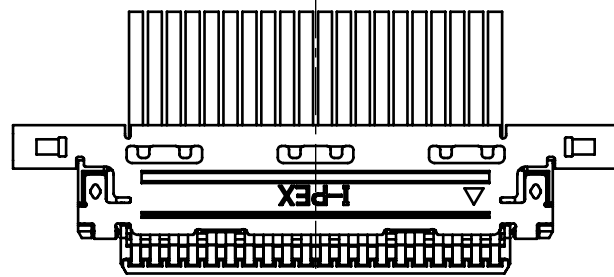
DISCRETE WIRE AWG#**

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		R11R3R0			
GENERAL TOLERANCE.				TITLE		SCALE		
DWG. DATE				CABLINE® -VS		5:1		
CHK.				PLUG CABLE ASSEMBLY		UNIT	I-PEX	
APP.				DWG. No.		mm		
				20453		SIZE	SHEET	REV.
						A3	5/6	34

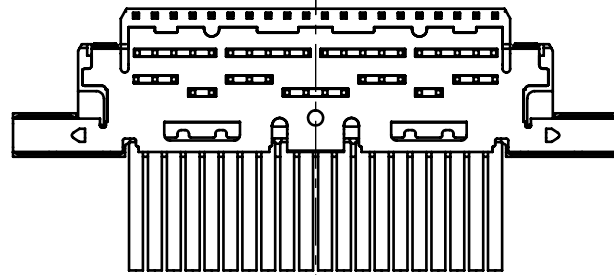
THE EXTERNAL APPEARANCE

20P

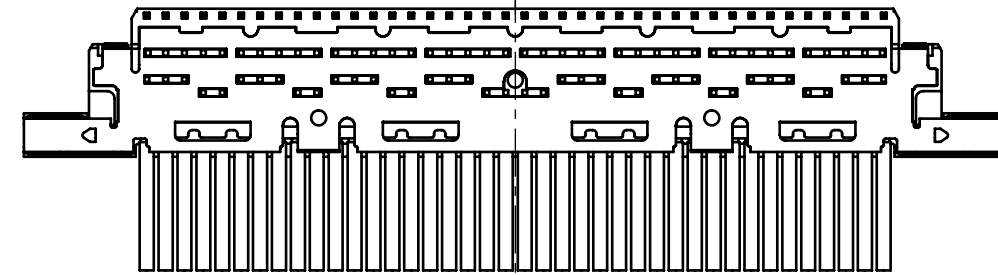
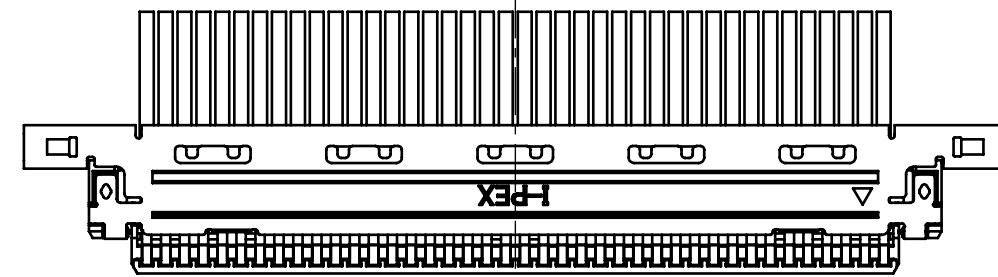
TOP VIEW



BOTTOM VIEW

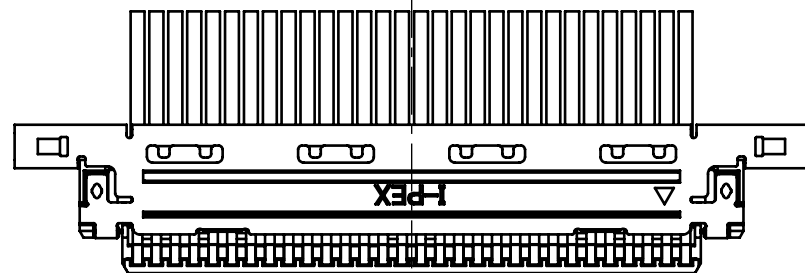


40P

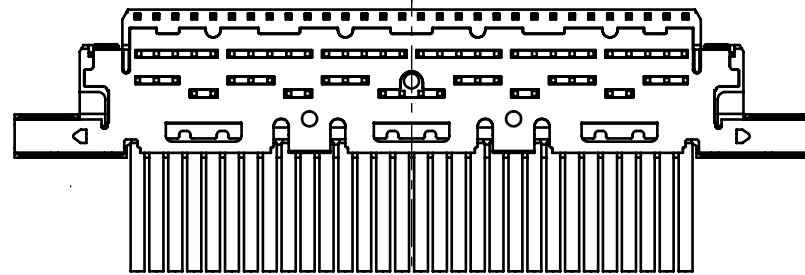


30P

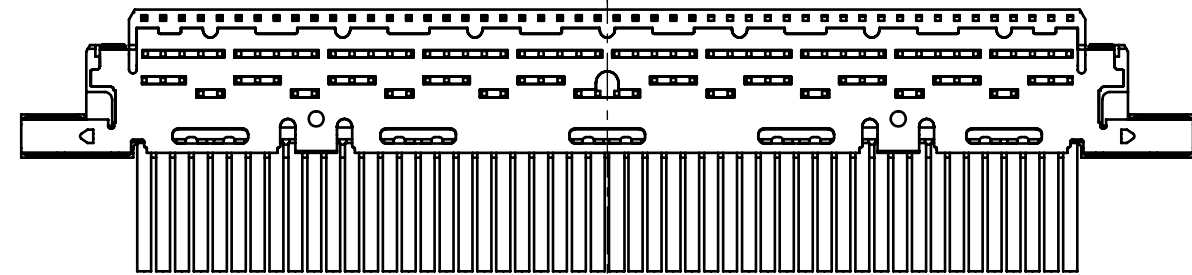
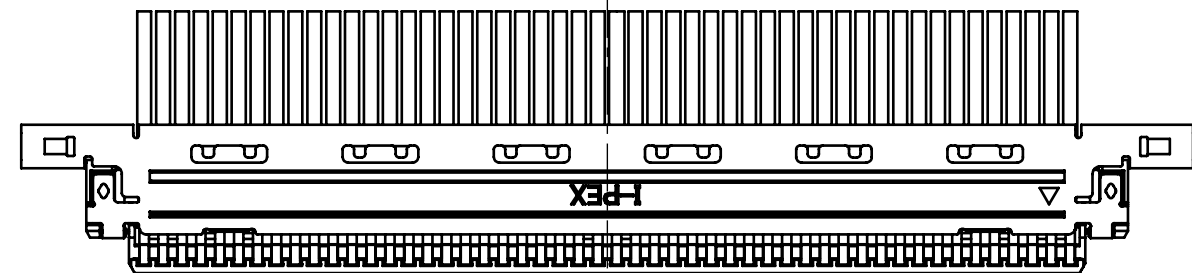
TOP VIEW



BOTTOM VIEW



50P



ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R11R3R0	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE® -VS PLUG CABLE ASSEMBLY		SCALE	I-PEX	
DWG.		DATE				5:1		
CHK.						UNIT		
						mm		
APP.				DWG. No.		SIZE	SHEET	REV.
				20453		A3	6/6	34