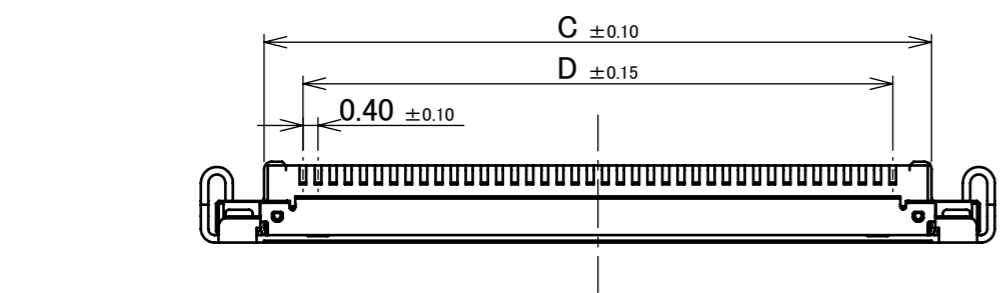
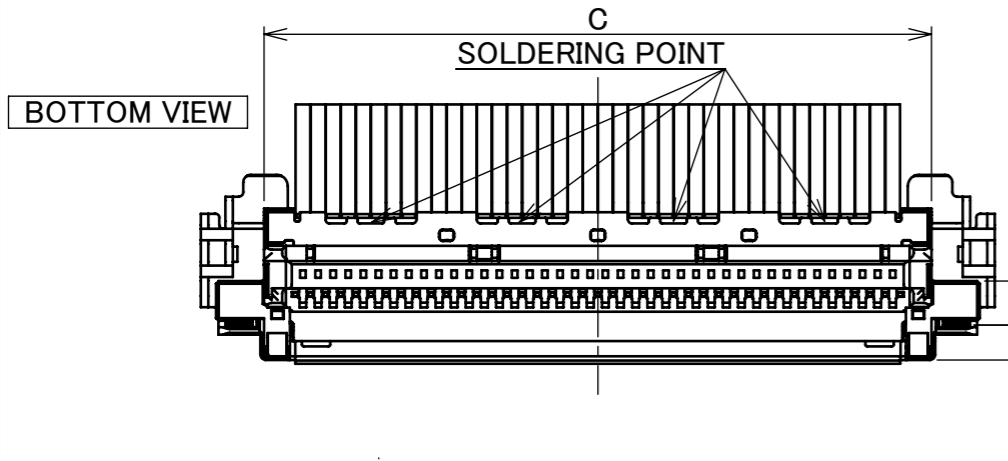
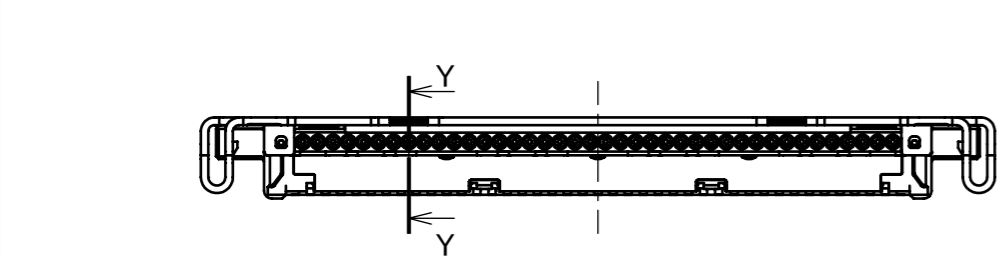
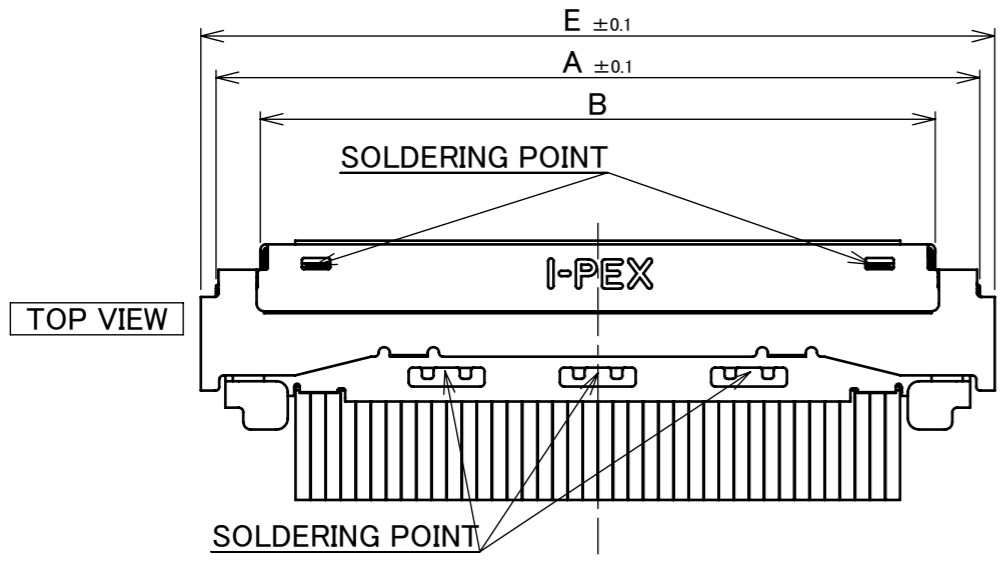


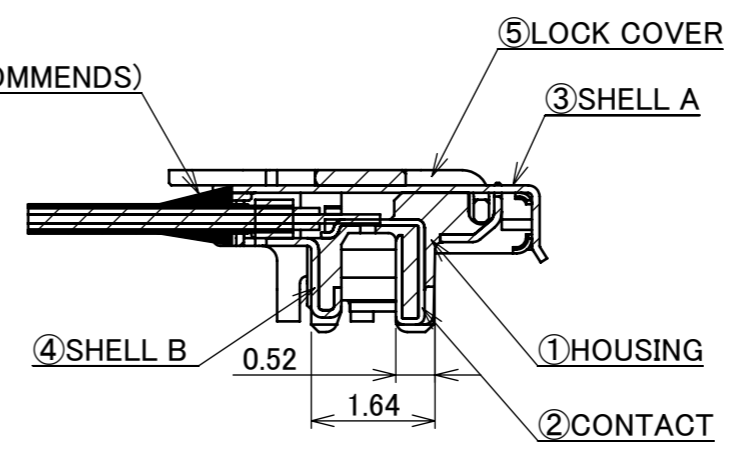
Recommended P/N 20877-0\*\*T-01

PART NO.	Pos.	A	B	C	D	E
20877-030T-01	30	16.20	13.85	13.65	11.60	17.00
20877-040T-01	40	20.20	17.85	17.65	15.60	21.00

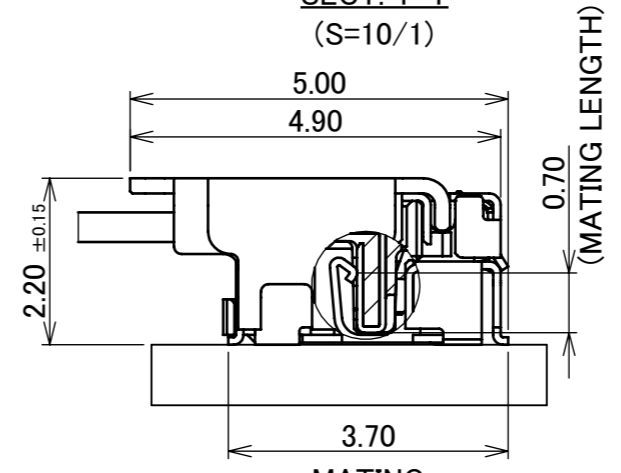
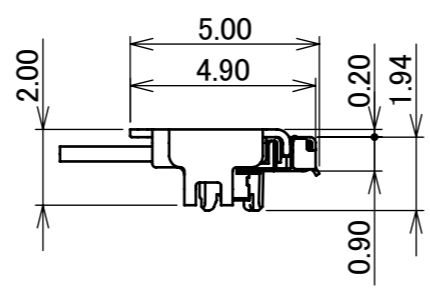
# With LOCK COVER



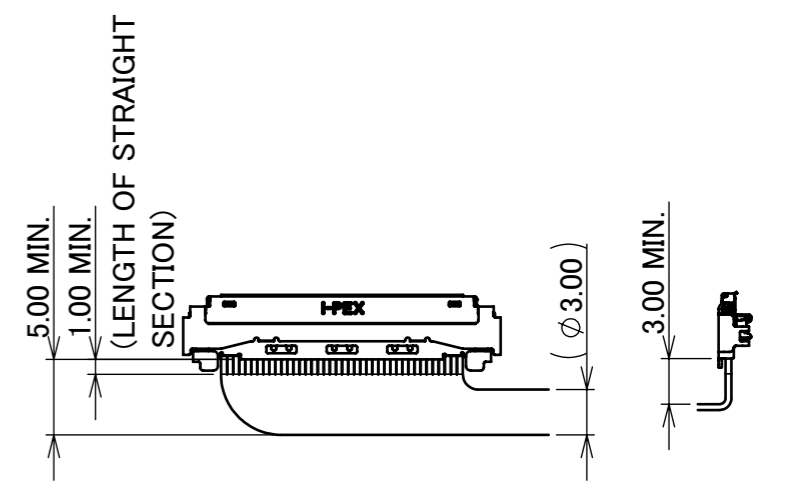
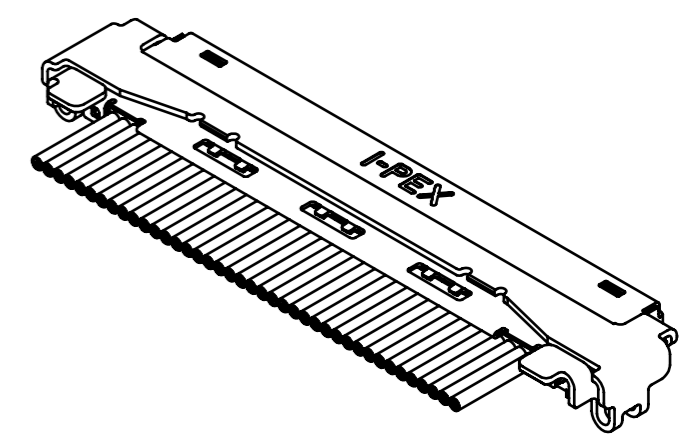
BONDING  
(LOCTITE 352 RECOMMENDS)



SECT. Y-Y  
(S=10/1)



MATING  
(S=10/1)



# PATENT PENDING

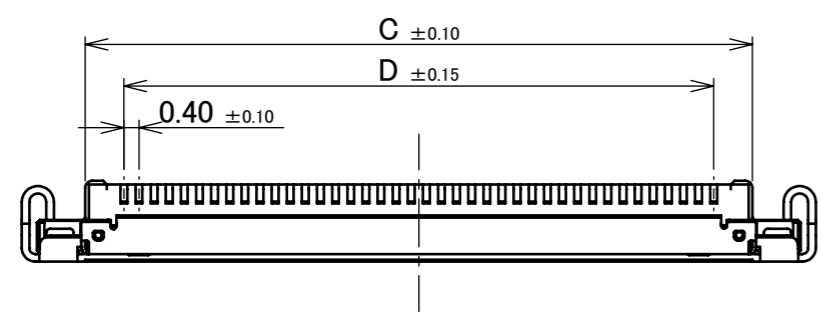
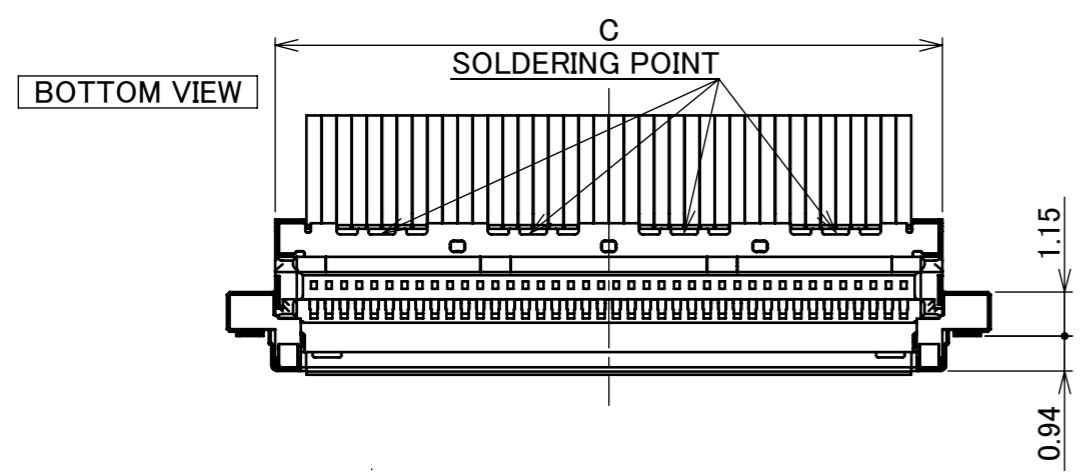
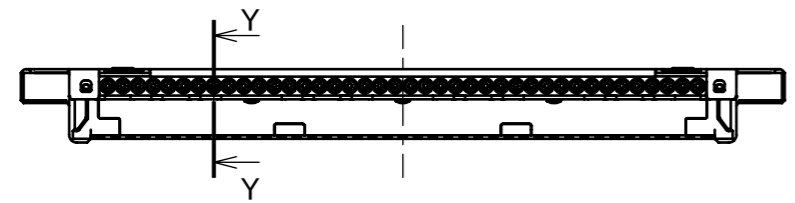
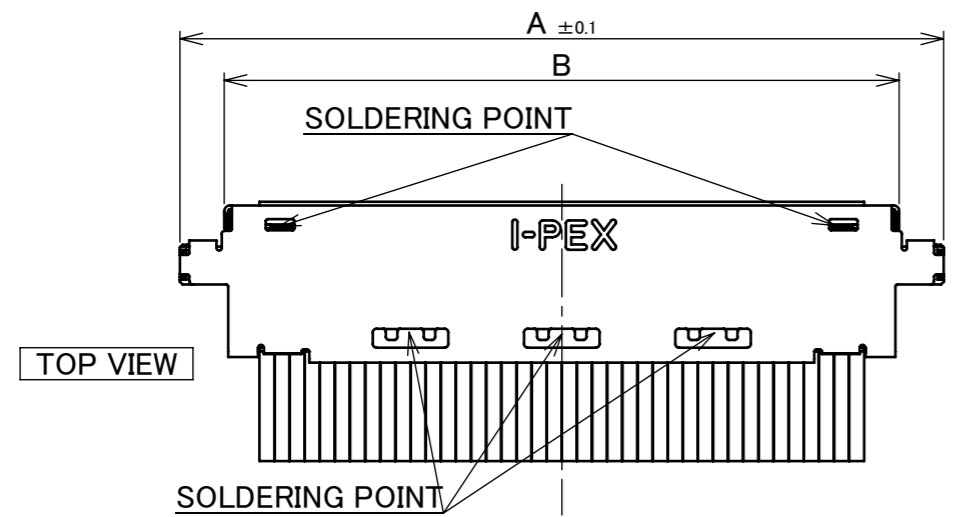
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
5	LOCK COVER	PHOSPHOR BRONZE	ALL OVER Ni 1.0 μ m MIN.
4	SHELL B	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
3	SHELL A	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.0 μ m MIN. CONTACT & SOLDERING AREA : Au 0.03 μ m MIN.
1	HOUSING	LCP	UL94V-0 ,BLACK

REV.	ECN	BY	DATE	APP.	APP.	DATE	DWG. No.	20877	SIZE	SHEET	REV.
2	Z210485	T.M	May/12/'21	H.I					A3	1/5	2
1	Z191151	T.M	Aug./30/'19	H.I							
0	Z190029	T.M	Jan./10/'19								

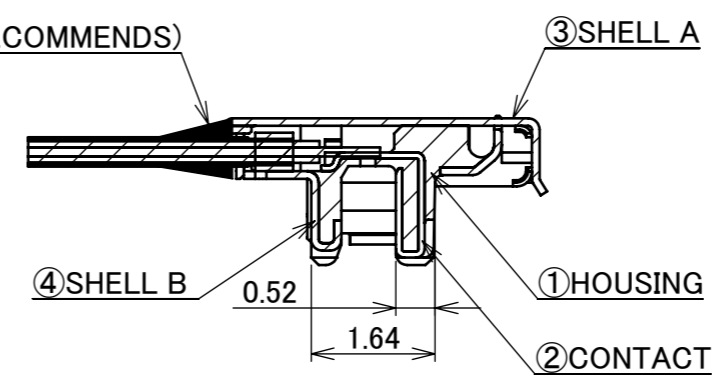
Recommended P/N 20877-0\*\*T-01

PART NO.	Pos.	A	B	C	D
20877-030T-02	30	16.20	13.85	13.65	11.60
20877-040T-02	40	20.20	17.85	17.65	15.60

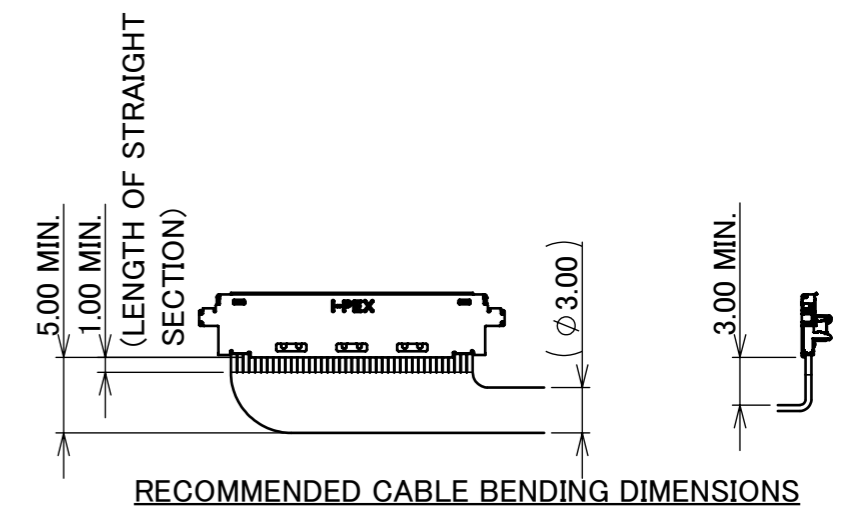
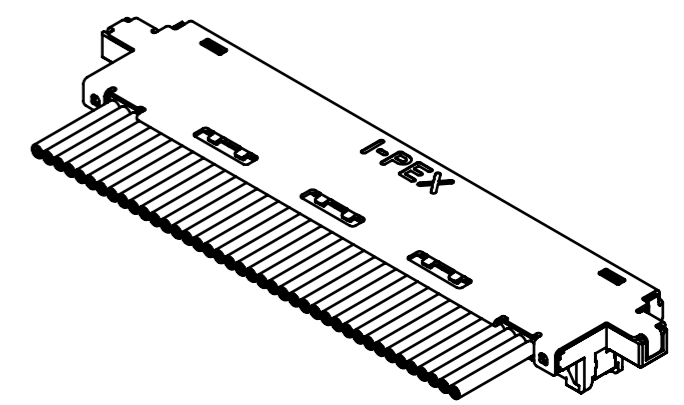
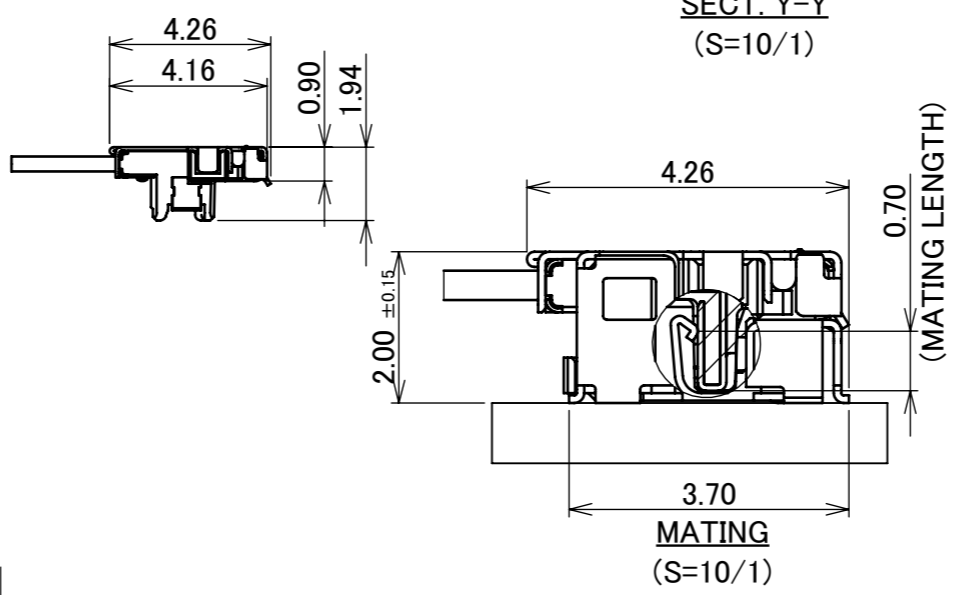
Without LOCK COVER



BONDING (LOCTITE 352 RECOMMENDS)



SECT. Y-Y (S=10/1)



PATENT PENDING

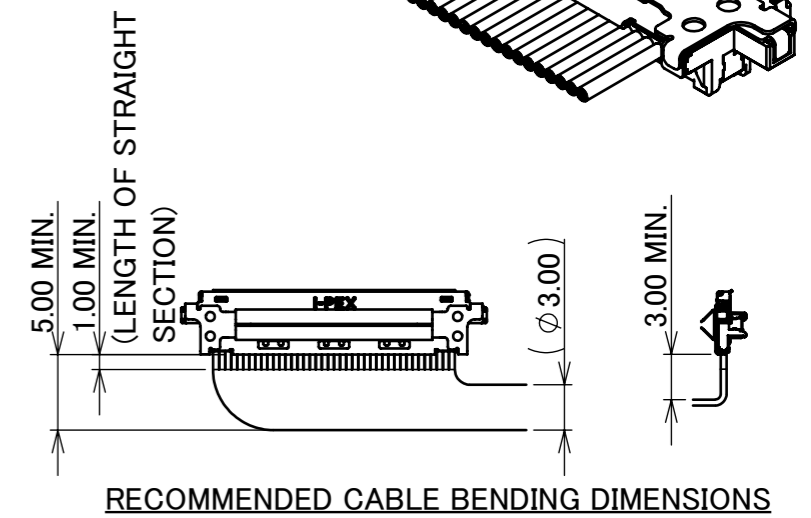
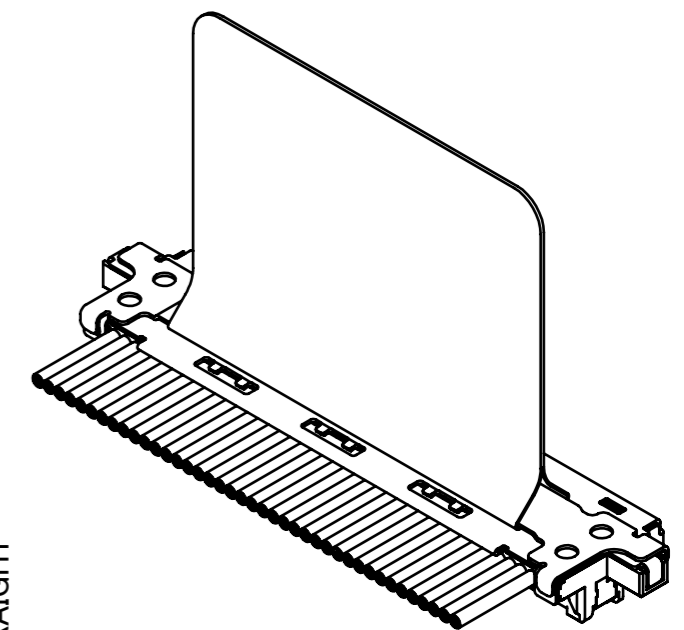
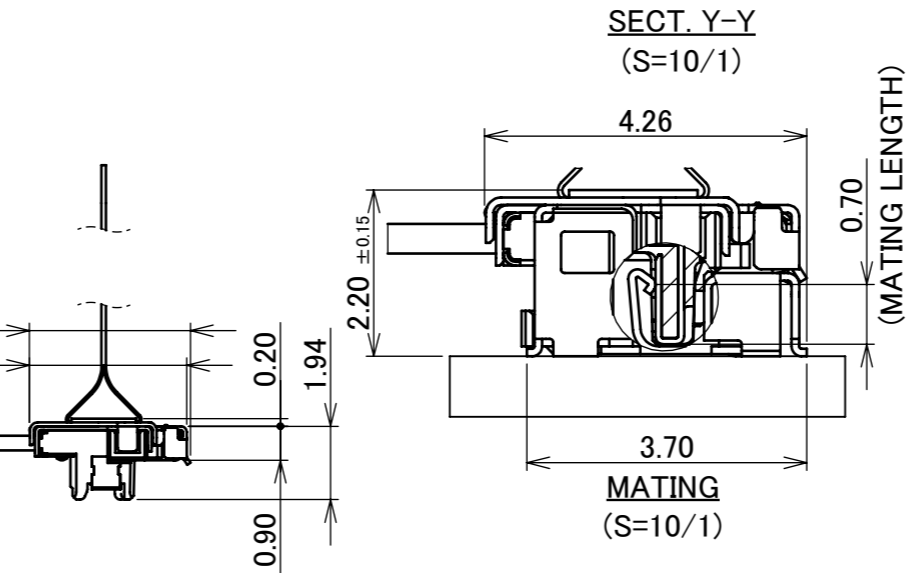
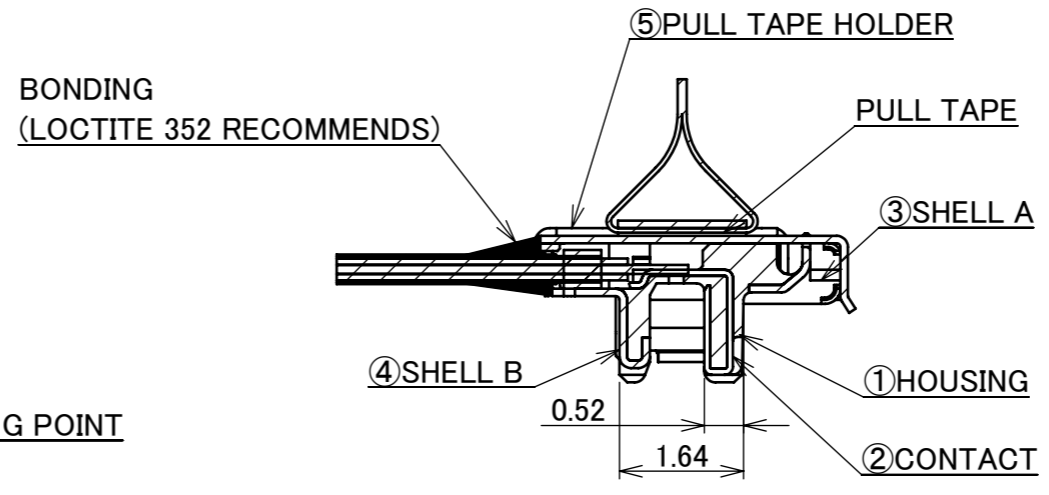
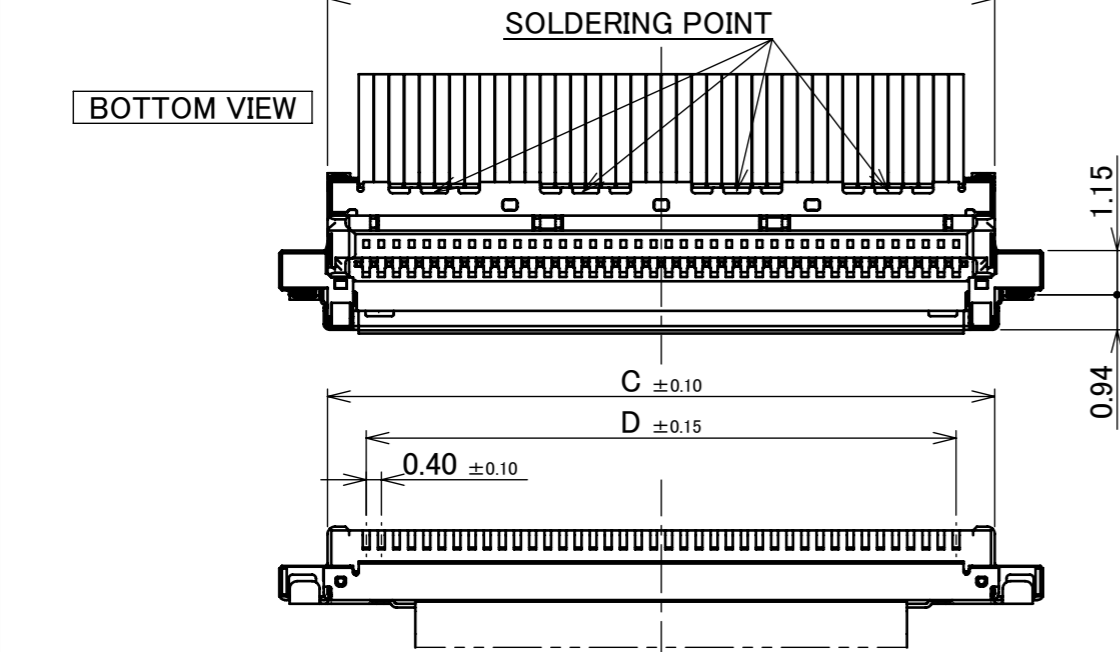
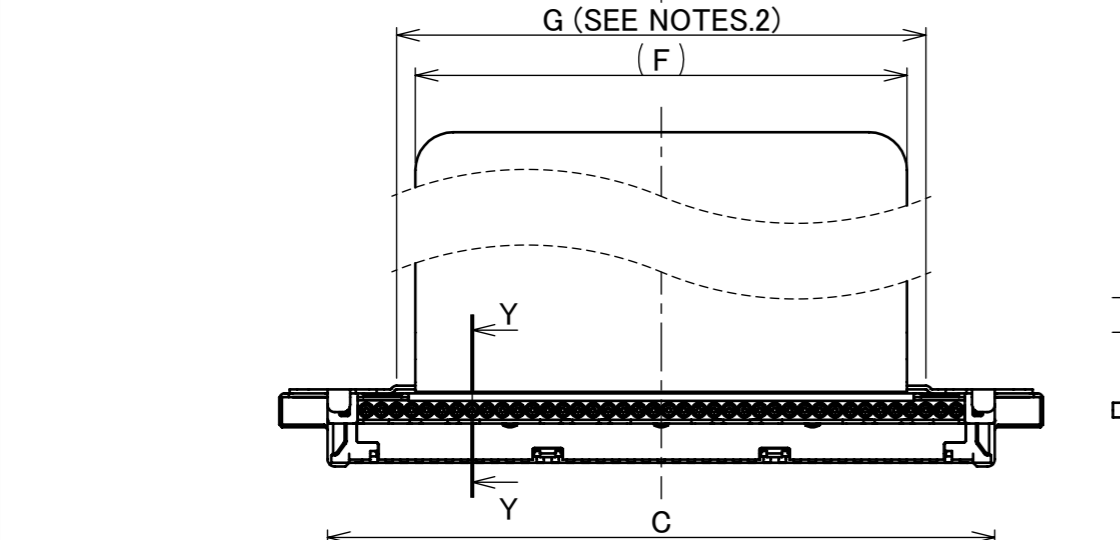
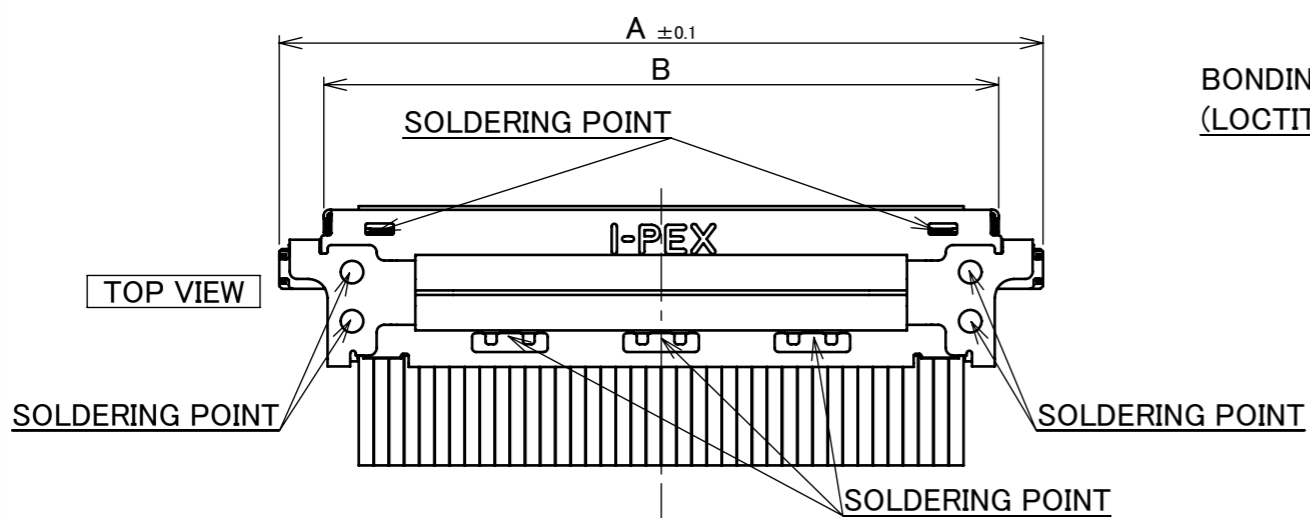
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
4	SHELL B	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
3	SHELL A	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
2	CONTACT	CPRSON ALLY	ALL OVER Ni 1.0 μ m MIN. CONTACT & SOLDERING AREA : Au 0.03 μ m MIN.
1	HOUSING	LCP	UL94V-0 ,BLACK

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R3R2R2R0	CUSTOMER COPY							
	6 MAX.	±0.2	30 OVER 120 MAX.						±0.5				
GENERAL TOLERANCE.						TITLE CABLIN® -UM PLUG CABLE ASS'Y	SCALE	I-PEX					
DWG.	DATE						5:1						
CHK.							UNIT						
APP.							mm				SIZE	SHEET	REV.
						DWG. No.	20877	A3	2/5	2			

Recommended P/N 20877-0\*\*T-01

PART NO.	Pos.	A	B	C	D	F	G
20877-030T-03	30	16.20	13.85	13.65	11.60	9.00	10.00
20877-040T-03	40	20.20	17.85	17.65	15.60	13.00	14.00

# With PULL TAPE HOLDER



## PATENT PENDING

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
5	PULL TAPE HOLDER	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
4	SHELL B	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
3	SHELL A	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.0 μ m MIN. CONTACT & SOLDERING AREA : Au 0.03 μ m MIN.
1	HOUSING	LCP	UL94V-0 ,BLACK

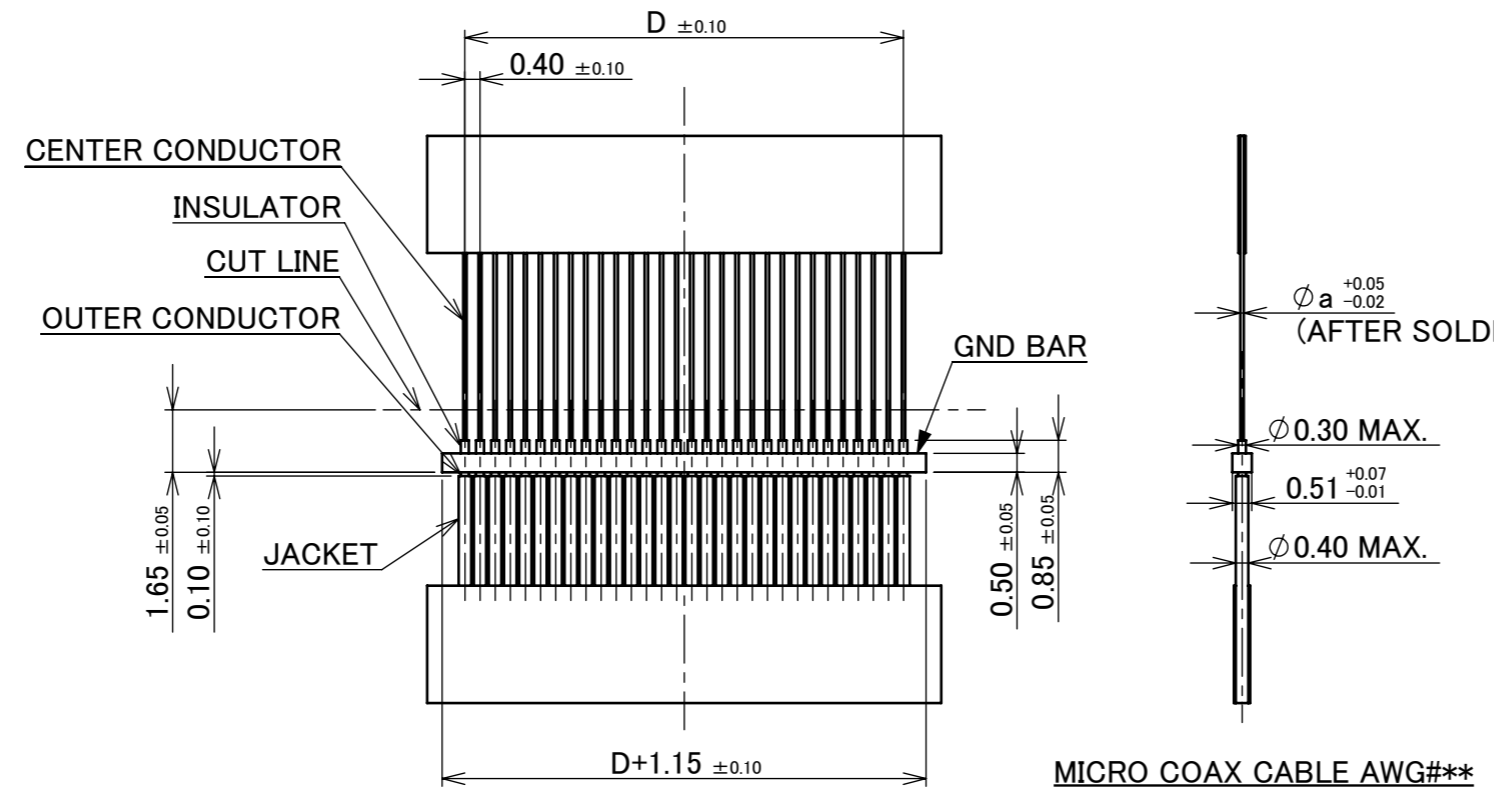
NOTES.  
 1.RECOMMENDED PULL-TAPE  
 PULL-TAPE : TERAOKA's INSULATION TAPE No.650S(#50) t=0.08  
 2.PULL-TAPE CAN BE PUT WITHIN THE RANGE OF "G" STRIAIGHT AREA.

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R3R2R2R0	CUSTOMER COPY	
	6 MAX.	±0.2	30 OVER 120 MAX.				
GENERAL TOLERANCE.				TITLE CABLIN <sup>®</sup> -UM PLUG CABLE ASS'Y		SCALE 5:1	I-PEX
DWG.	DATE			DWG. No.	20877	UNIT mm	
CHK.				SIZE	A3	SHEET 3/5	
APP.				REV.	2		

ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO COAX : AWG# 44 , 42 , 40 , 38 , 36 DISCRETE : AWG# 36 , 34 TWINCOAX : AWG# 40
RATING VOLTAGE	100V AC (PER A CONTACT)
RATING AMPERAGE (FOR CONTACT)	0.1A AC/DC [AWG#44] PER CONTACT/UP TO 40 CONTACTS 0.24A AC/DC [AWG#42] PER CONTACT/UP TO 40 CONTACTS 0.3A AC/DC [AWG#40] PER CONTACT/UP TO 40 CONTACTS 0.5A AC/DC [AWG#38] PER CONTACT/UP TO 19 CONTACTS 0.8A AC/DC [AWG#36] PER CONTACT/UP TO 11 CONTACTS 1.0A AC/DC [AWG#34] PER CONTACT/UP TO 10 CONTACTS ※TESTING BY A 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	INITIAL : 180mohm MAX.(AWG#34) / AFTER TEST : $\triangleleft$ 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 : $\triangleleft$ 40mohm MAX.
INSULATION RESISTANCE	INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	30P : 34.00N MAX. 40P : 40.00N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	30P : 3.0N MIN. 40P : 4.0N MIN.
CABLE RETENTION FORCE	30P : 14.70N MIN. 40P : 19.60N MIN.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2514
TEST REPORT	TR-18067 (RECEPTACLE:20879-0**E-01) TR-18088 (RECEPTACLE:20879-0**E-02)
INSTRUCTION MANUAL	HIM-18033
ASSEMBLY MANUAL	ASM-18003
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	$\pm 0.3$	PROJECTION 	SERIES No. R3R2R2R0	CUSTOMER COPY		
6 MAX.	$\pm 0.2$	30 OVER 120 MAX.	$\pm 0.5$					
GENERAL TOLERANCE.				TITLE CABLINÉ® -UM PLUG CABLE ASS'Y	SCALE 5:1 UNIT mm			
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20877	SIZE A3	SHEET 4/5	REV. 2

PART NO.	Pos.	D
20877-030T-0#	30	11.60
20877-040T-0#	40	15.60



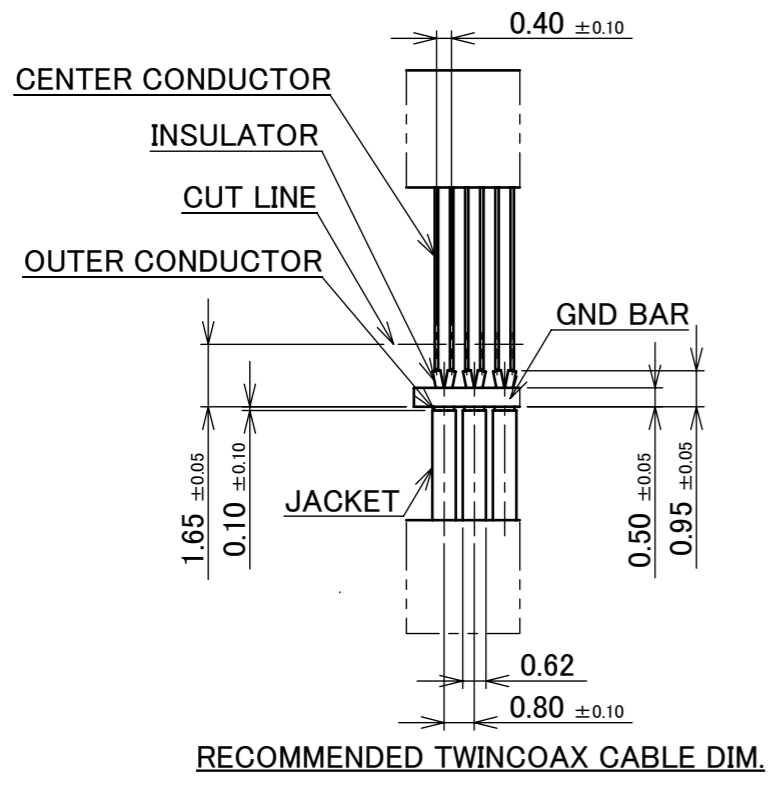
**MICRO COAX CABLE DIMENSION**

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

MICRO COAX CABLE #36 : NOT RECOMMENDED FOR HIGH SPEED SIGNAL TRANSFER

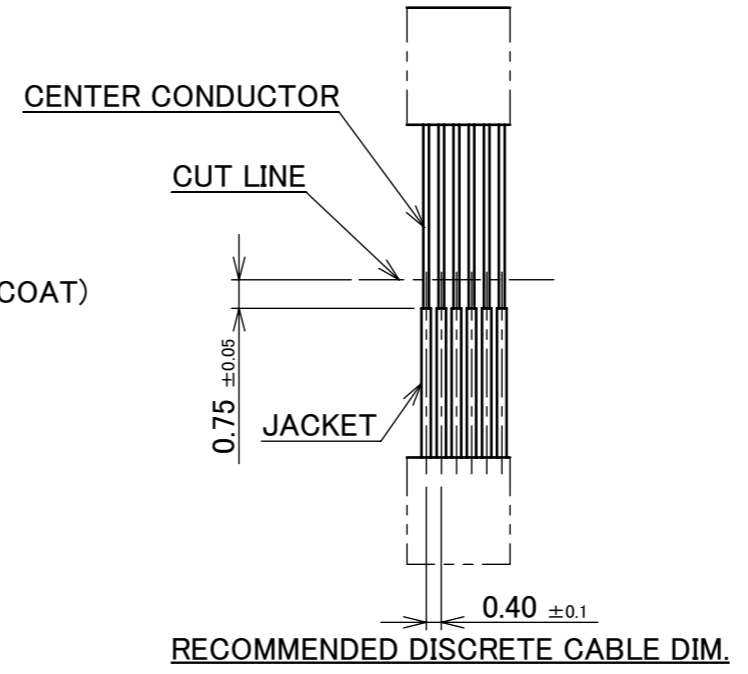
MICRO COAX CABLE AWG#\*\*

RECOMMENDED MICRO COAX CABLE DIM.



TWINCOAX CABLE AWG#40

RECOMMENDED TWINCOAX CABLE DIM.



RECOMMENDED DISCRETE CABLE DIM.

**DISCRETE CABLE DIMENSION**

	b
#34	0.192
#36	0.15

(AFTER SOLDERING COAT)

DISCRETE CABLE AWG#\*\*

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	$\pm 0.3$	PROJECTION	SERIES No.	CUSTOMER COPY			
	6 MAX.	$\pm 0.2$	30 OVER 120 MAX.	$\pm 0.5$		R3R2R2R0			
GENERAL TOLERANCE.				TITLE		SCALE	<b>I-PEX</b>		
DWG.	DATE			CABLIN <sup>®</sup> -UM		5:1			
CHK.				PLUG CABLE ASS'Y		UNIT			
APP.				DWG. No.		mm			
				20877		SIZE	SHEET	REV.	
						A3	5/5	2	