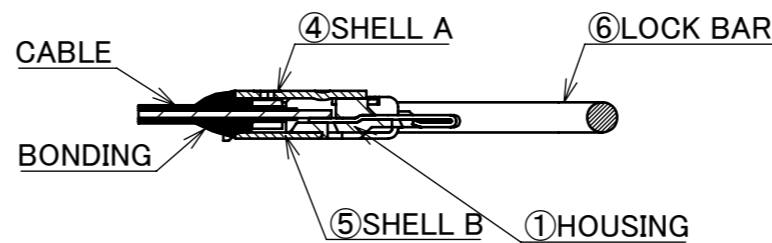
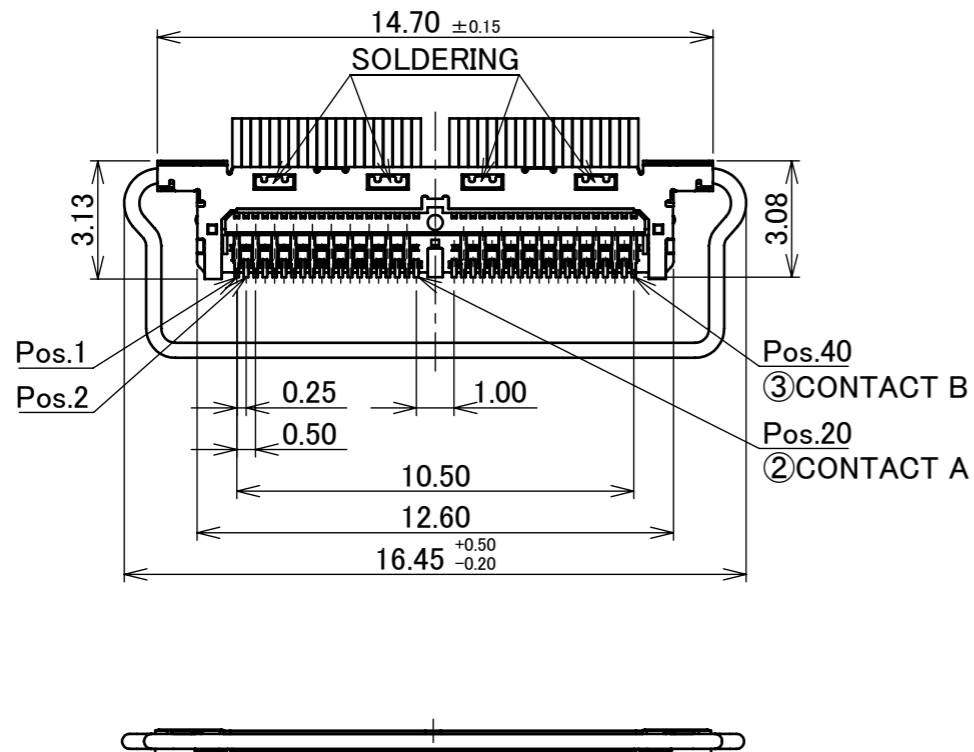


Recommended P/N 20978-040T-01

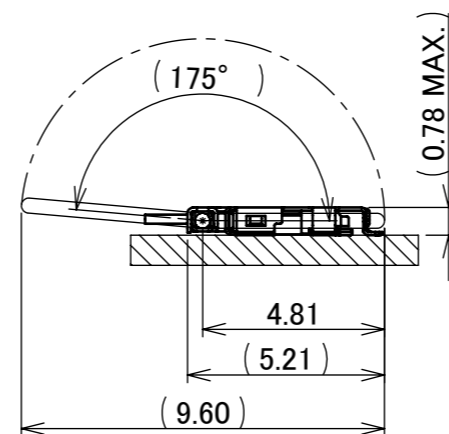
PART NO.	Pos.
20978-040T-01	40



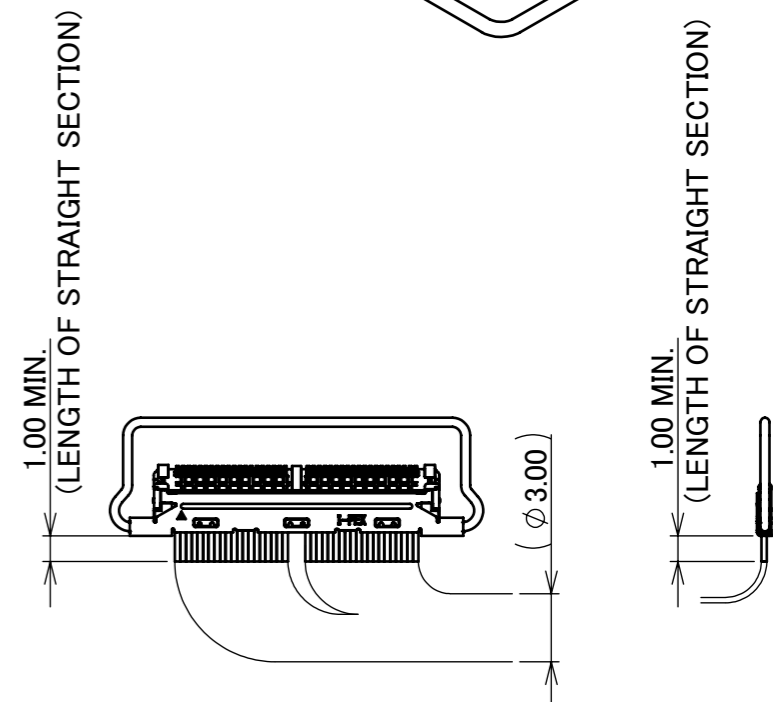
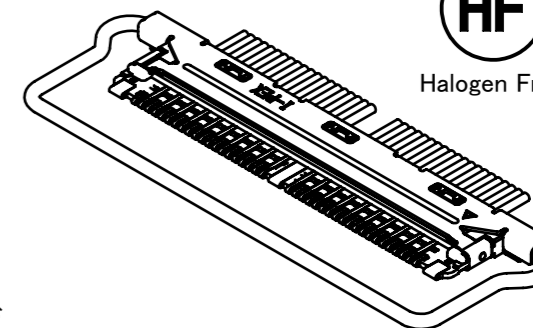
BOTTOM VIEW



SECT. AA-AA
(S= 10 : 1)

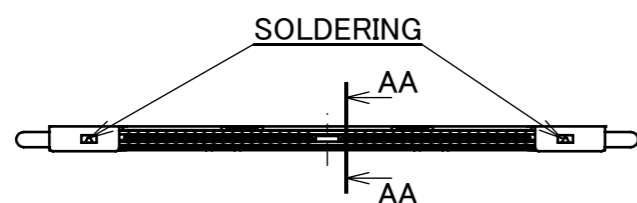
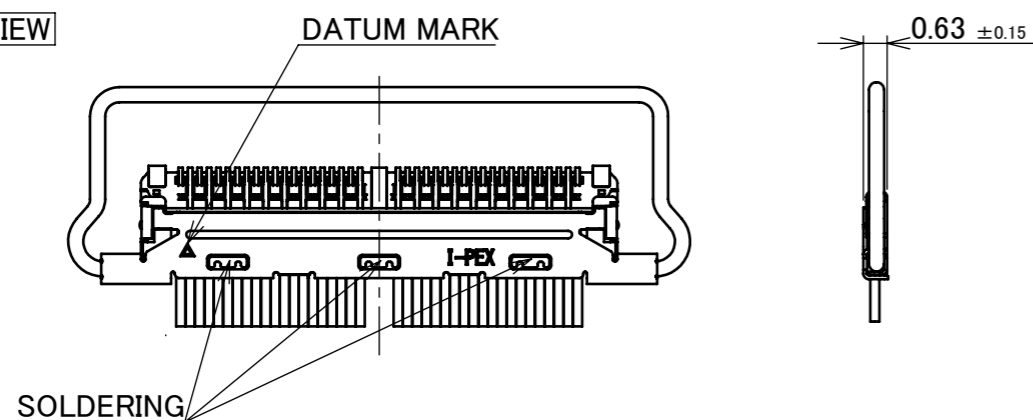


LOCK BAR MOVEMENT



RECOMMENDED CABLE BENDING DIMENSIONS

TOP VIEW

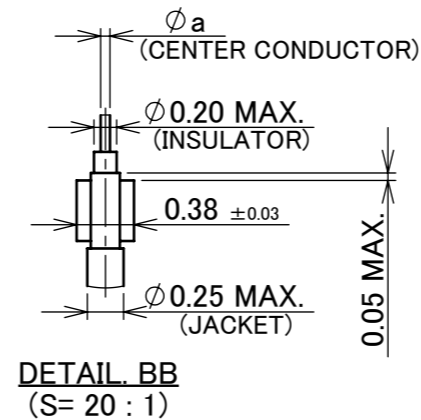
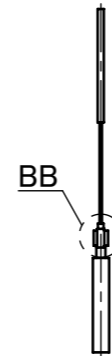
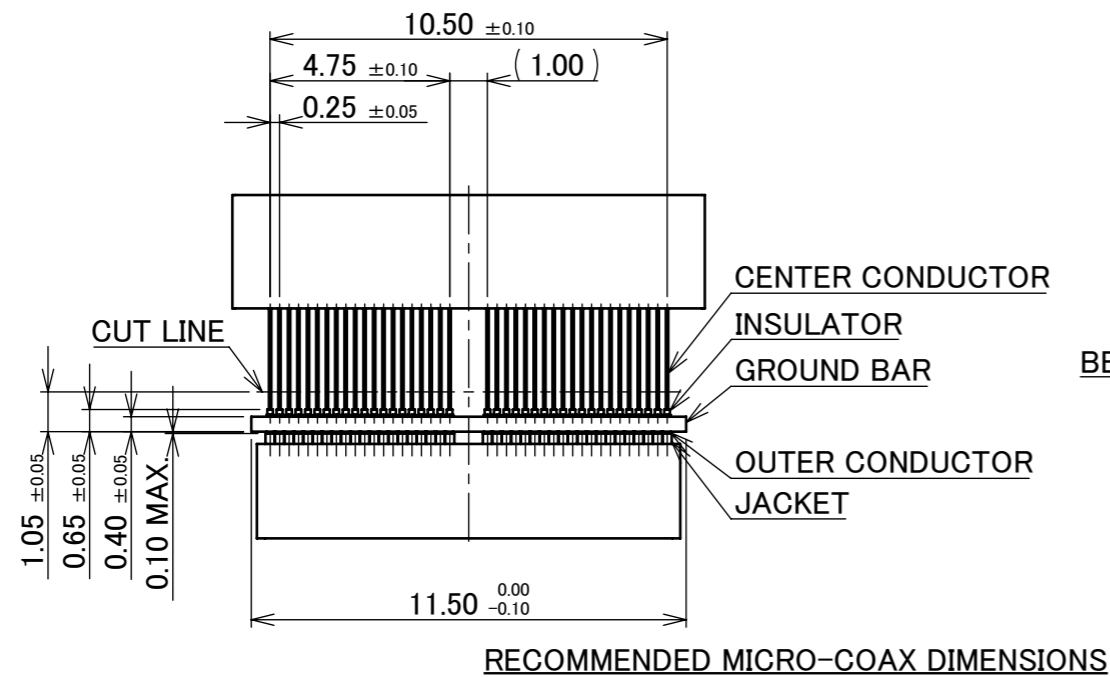


6	LOCK BAR	SUS	-
5	SHELL B	SUS	PARTIAL Au 0.003 μm MIN. OVER Ni 1.00 μm MIN.
4	SHELL A	SUS	PARTIAL Au 0.003 μm MIN. OVER Ni 1.00 μm MIN.
3	CONTACT B	CORSON ALLOY	CONTACT AREA : Au 0.25 μm MIN. OVER Ni 2.00 μm MIN. SOLDERING AREA : Au 0.03 μm MIN. OVER Ni 1.00 μm MIN.
2	CONTACT A	CORSON ALLOY	CONTACT AREA : Au 0.25 μm MIN. OVER Ni 2.00 μm MIN. SOLDERING AREA : Au 0.03 μm MIN. OVER Ni 1.00 μm MIN.
1	HOUSING	LCP	UL94V-0, BLACK
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	⊕	R1/R0/R0			
					GENERAL TOLERANCE.				TITLE		SCALE			
					DWG.	DATE		CABLINC® -CX II		5:1				
					S.Yamaguchi	2019/08/08		PLUG WITHOUT COVER		UNIT	I-PEX			
					CHK.			CABLE ASS'Y		mm				
					T.Kurachi					SIZE	SHEET	REV.		
					APP.					A3	1/3	1		
REVISION RECORD					Y.Shimada		DWG. No.		20978					

ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO COAX : AWG# 46,44,39 DISCRETE : AWG# 39
RATING VOLTAGE	100V AC (PER CONTACT)
RATING AMPERAGE (FOR CONTACT)	0.10A AC/DC [AWG#46] PER CONTACT/UP TO 40 CONTACTS 0.15A AC/DC [AWG#44] PER CONTACT/UP TO 40 CONTACTS 0.50A AC/DC [AWG#39] PER CONTACT/UP TO 7 CONTACTS ※TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERTURE RISE MAY AFFECTED BY ACTUAL SITUATION
OPERATING TEMPERATURE	233~358K(-40°C~+85°C) (CONTAINING TEMPERATURE RISE BY CURRENT)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 388mohm MAX.(AWG#39) / AFTER TEST : \triangle 40mohm MAX. INITIAL : 1,080mohm MAX.(AWG#44) INITIAL : 1,830mohm MAX.(AWG#46)
GROUND SHELL RESISTANCE	INITIAL : 50mohm MAX. / AFTER TEST : \triangle 40mohm MAX.
INSULATION RESISTANCE	INITIAL : 1,000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	20 CYCLES
MATING FORCE (INITIAL / 20 CYCLES)	40P : 30.0N MAX.
UNMATING FORCE (INITIAL / 20 CYCLES)	40P : 4.0N MIN.
CABLE RETENTION FORCE	40P : 19.60N MIN.
PRODUCT SPECIFICATION	PRS-2403
TEST REPORT	TR-17063
INSTRUCTION MANUAL	HIM-17040
ASSEMBLY MANUAL	ASM-17011
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R1/R0/R0	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -CX II PLUG WITHOUT COVER CABLE ASS'Y	SCALE 5:1 UNIT mm			
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20978	SIZE A3	SHEET 2/3	REV. 1



CHARACTERISTIC IMPEDANCE MATCHING MICRO COAX CABLE

	a
#44	0.063
#46	0.048

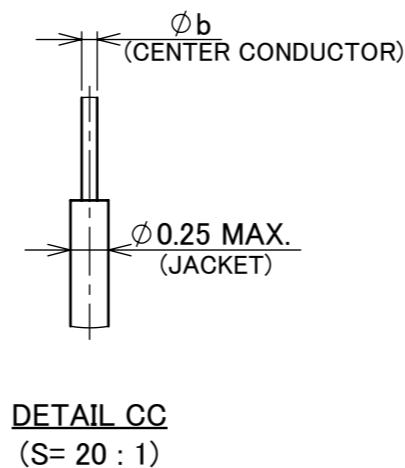
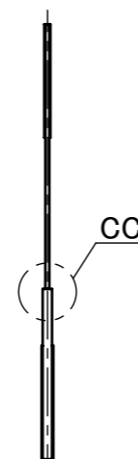
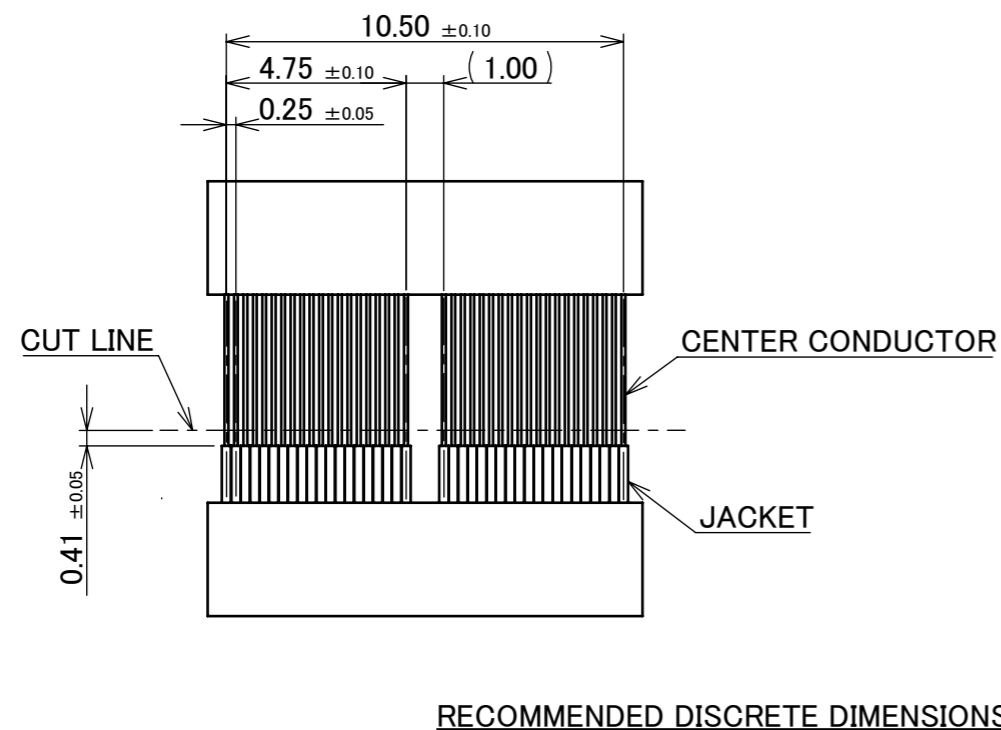
CHARACTERISTIC IMPEDANCE UN-MATCHING MICRO COAX CABLE

	a
#39	0.102

MICRO COAX CABLE #39 : NOT RECOMMENDED
FOR HIGH SPEED SIGNAL TRANSFER

DISCRETE CABLE DIMENSION

	b
#39	0.102



ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R1/R0/R0	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -CX II PLUG WITHOUT COVER CABLE ASS'Y	SCALE 5:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20978	SIZE A3	SHEET 3/3	REV. 1