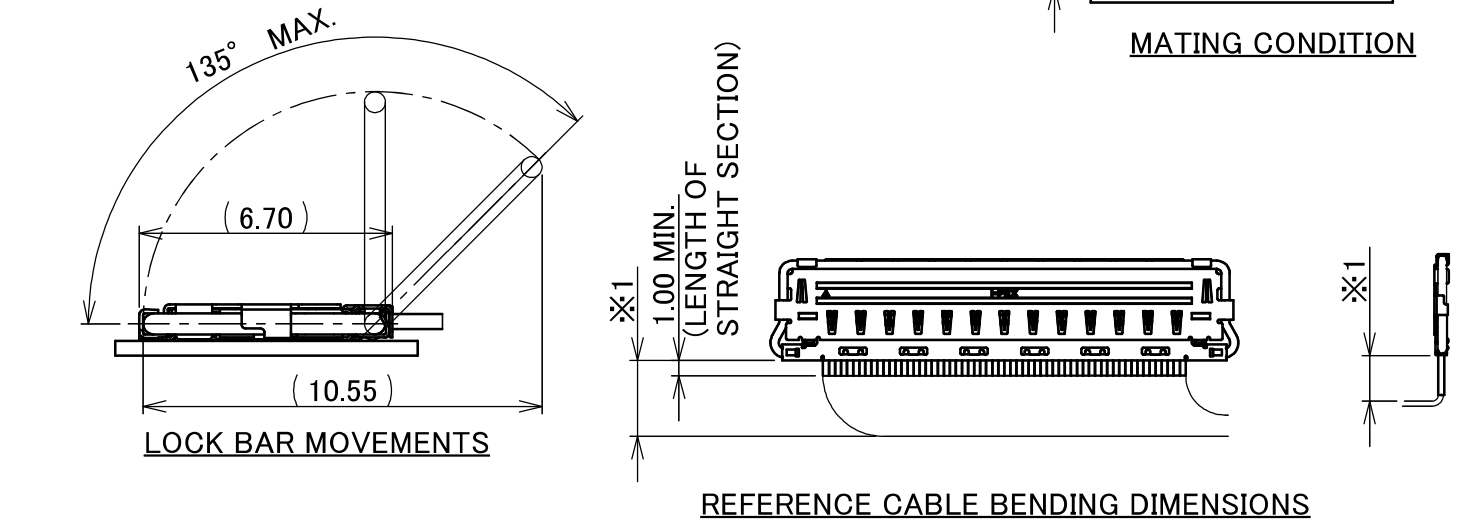
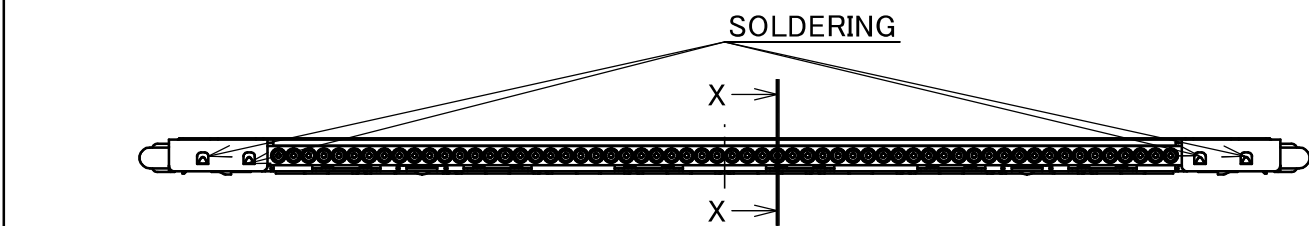
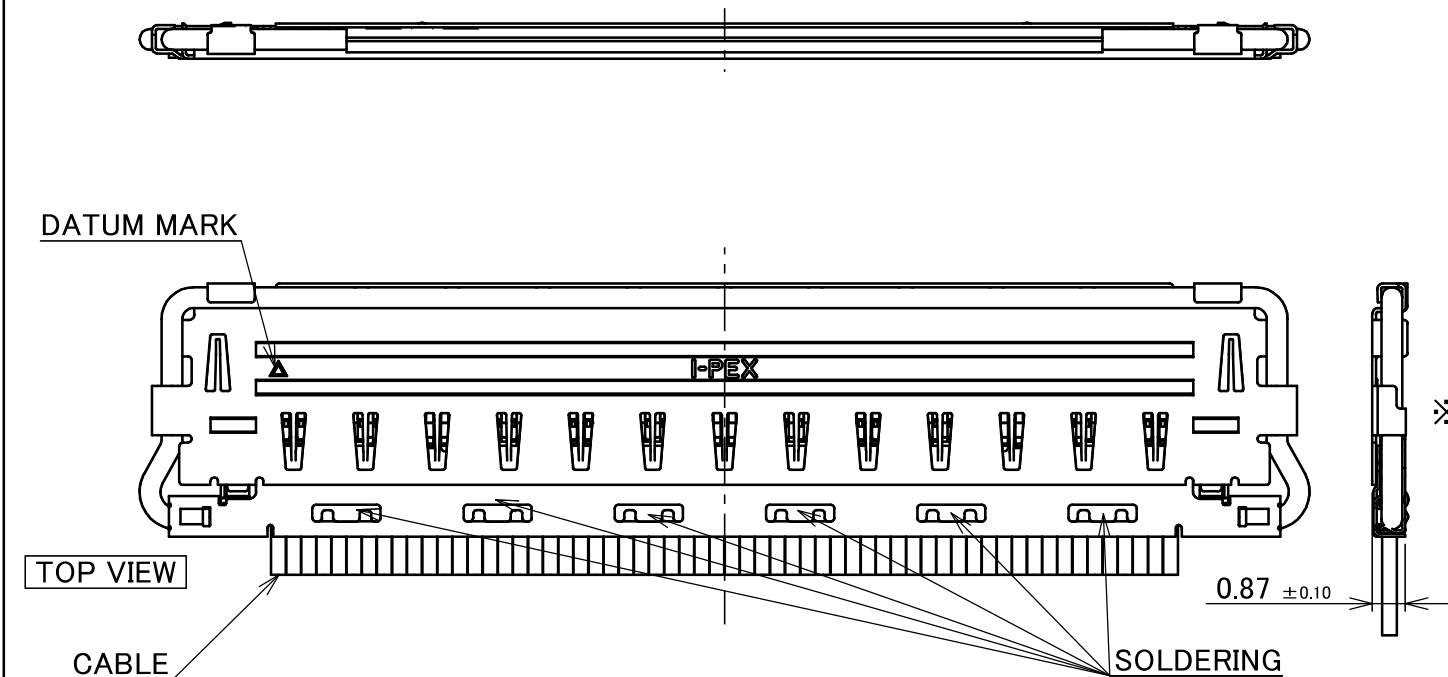
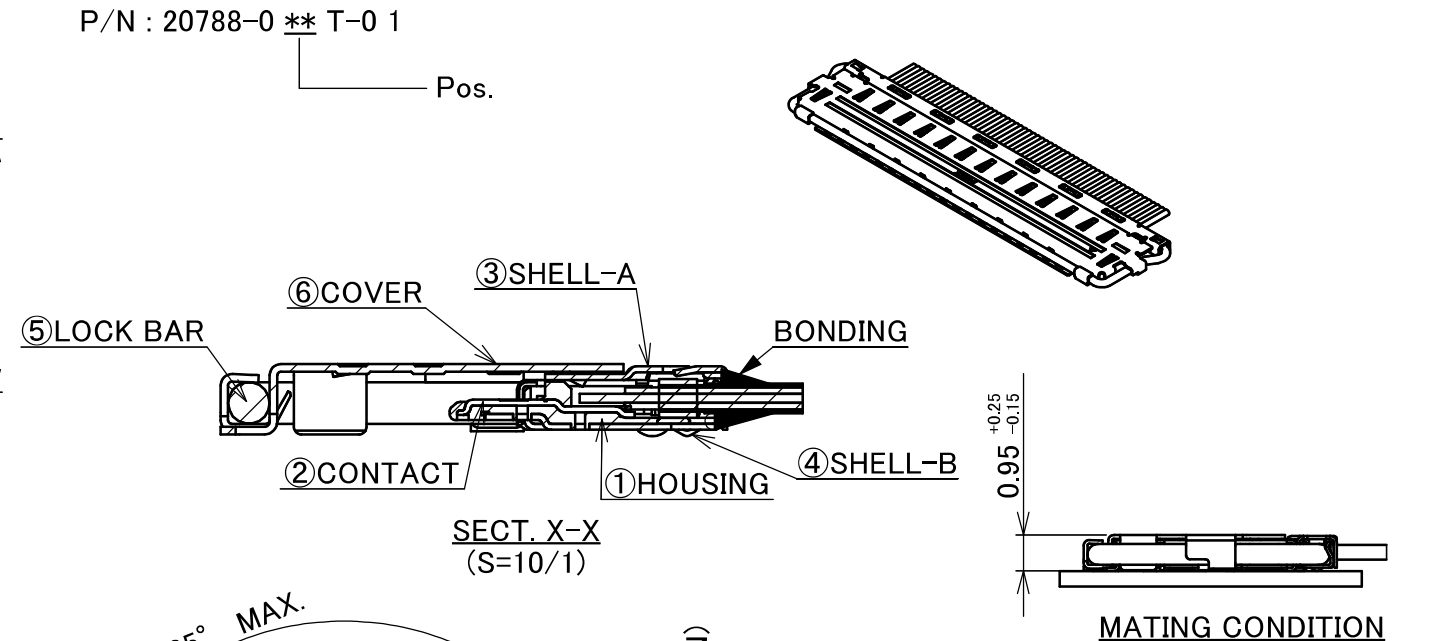
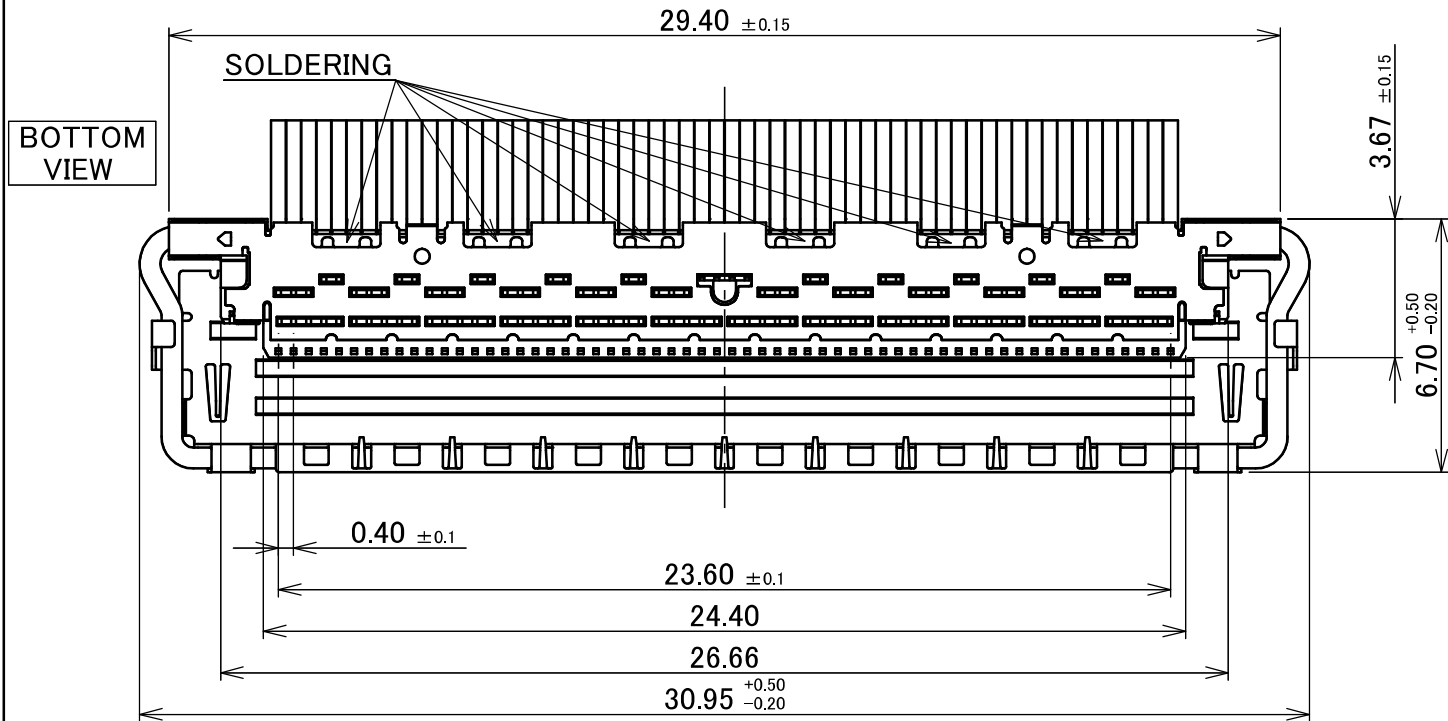
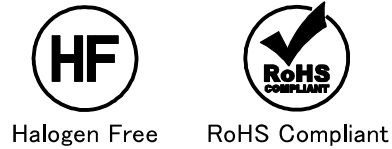
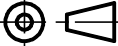


PART NO.	Pos.
20788-060T-01	60



※1 : THE BEND DIMENSIONS MAY VARY BASED ON THE SIZE AND QUANTITY OF CABLES.
PLEASE CONFIRM THE MINIMUM BENDING RADIUS WITH I-PEX OR THE HARNESS MANUFACTURER.

6	COVER	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN.
5	LOCK BAR	SUS φ 0.55	-
4	SHELL-B	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.00 μ m MIN.
3	SHELL-A	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.00 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT & SOLDERING AREA : Au 0.03 μ m MIN.
1	HOUSING	LCP	UL94V-0 ,BLACK
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

15	Z250838	K.W	2025/06/09	M.T	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R1R3R2	CUSTOMER COPY			
14	Z250426	K.Hara	2025/03/13	H.I	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5						
13	Z241436	T.T	2024/10/19	H.I	GENERAL TOLERANCE.				TITLE CABLINE®-CA II PLUS PLUG FOR CABLE ASSEMBLY	SCALE	I-PEX			
12	Z241307	K.Hara	2024/09/24	H.I	DWG.	DATE				5:1				
11	Z240025	K.Hara	2024/01/12	H.I	T.Masunaga 2016/11/14					UNIT				
10	Z230125	K.Hara	2023/01/31	H.I	CHK.									
					T.Kurachi					mm				
REV.	ECN	BY	DATE	APP.	APP.					DWG. No.	20788	SIZE A3	SHEET 1/3	REV. 15
REVISION RECORD					J.Tateishi									

PATENT REGISTERED

Confidential C

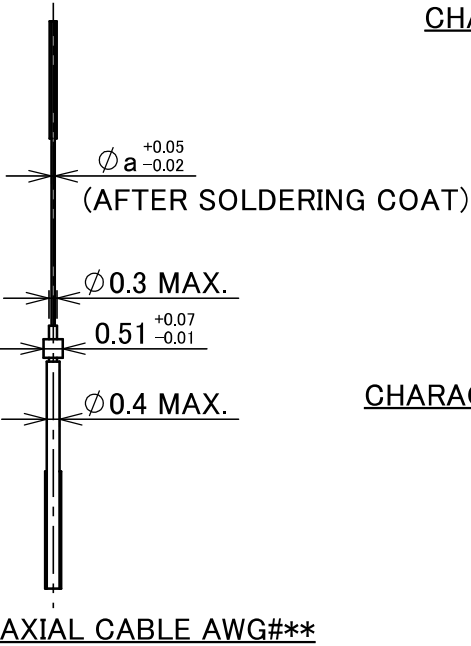
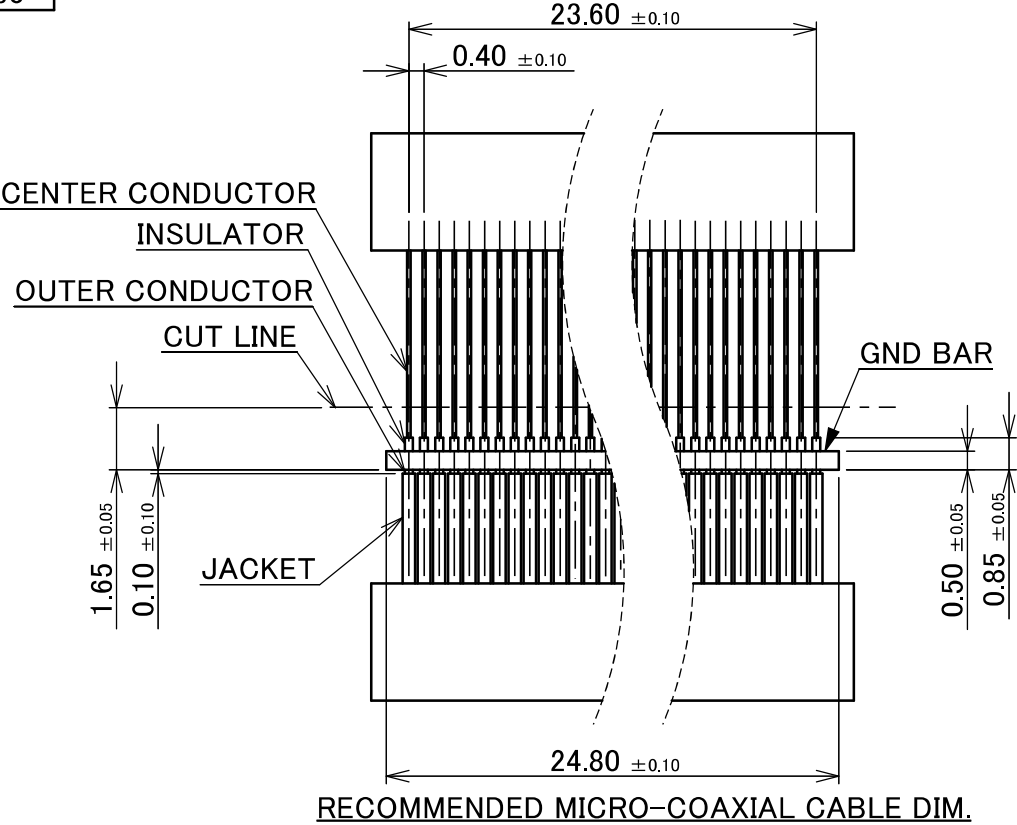
I-PEX Inc.

QKE-DFFDE06-02 REV.12

ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG #44 , 42 , 40 , 38 , 36 DISCRETE WIRE : AWG #36 , 34 TWINAXIAL CABLE : AWG #40 , 42
RATED 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.
RATED 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	248 TO 378K (−40°C TO 105°C)
OPERATING HUMIDITY	85% MAX.
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.
PRODUCT SPECIFICATION	PRS-2261
TEST REPORT	TR-16075, TR-23031
INSTRUCTION MANUAL	HIM-16028
ASSEMBLY MANUAL	ASM-16004
APPEARANCE CRITERIA NO.	QLS-A***

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R1R3R2	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABL [®] INE-CA II PLUS PLUG FOR CABLE ASSEMBLY	DWG. No. 20788	SCALE	I-PEX	
DWG.	DATE					—		
CHK.						UNIT		
APP.						mm		
						SIZE	SHEET	REV.
				A3	2/3	15		

PART NO.	Pos.
20788-060T-01	60



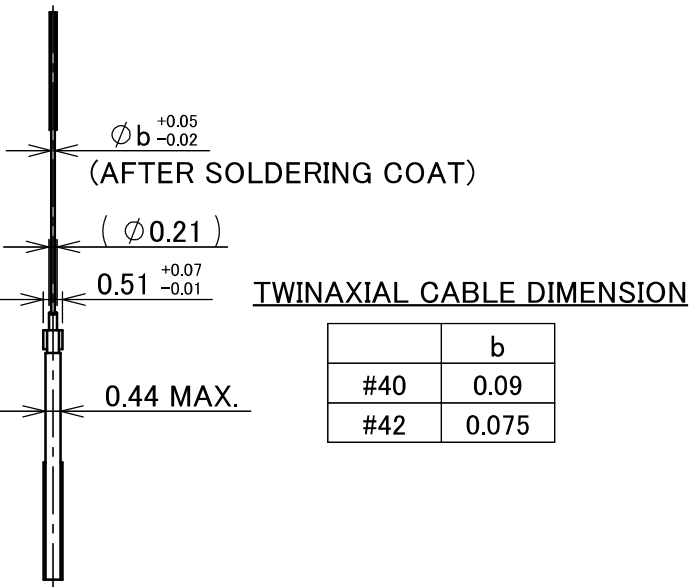
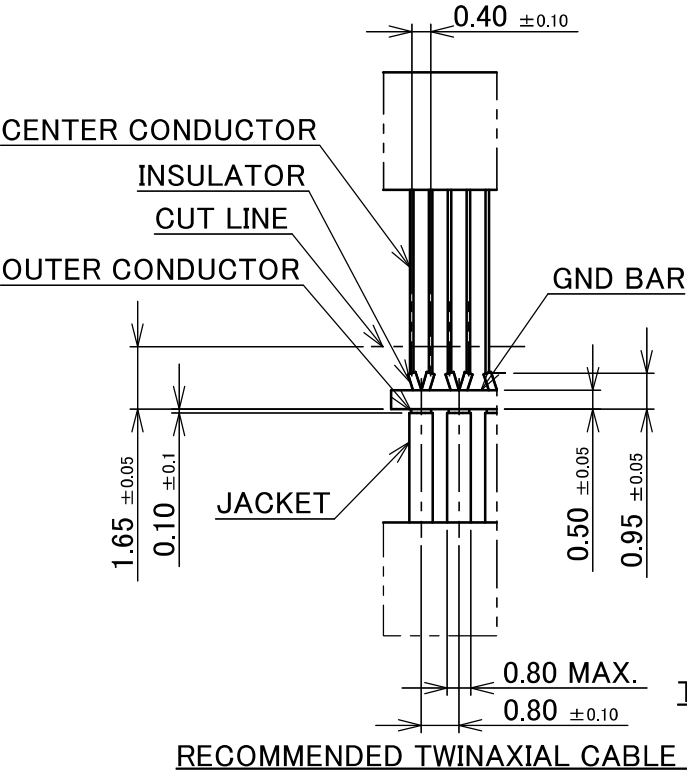
CHARACTERISTIC IMPEDANCE MATCHING MICRO-COAXIAL CABLE

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

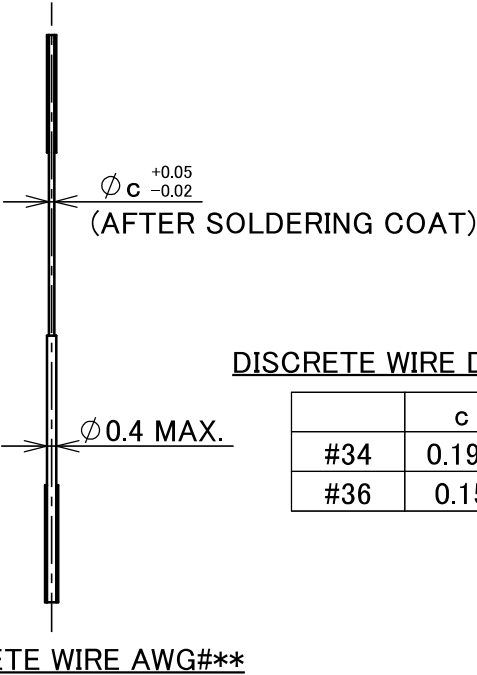
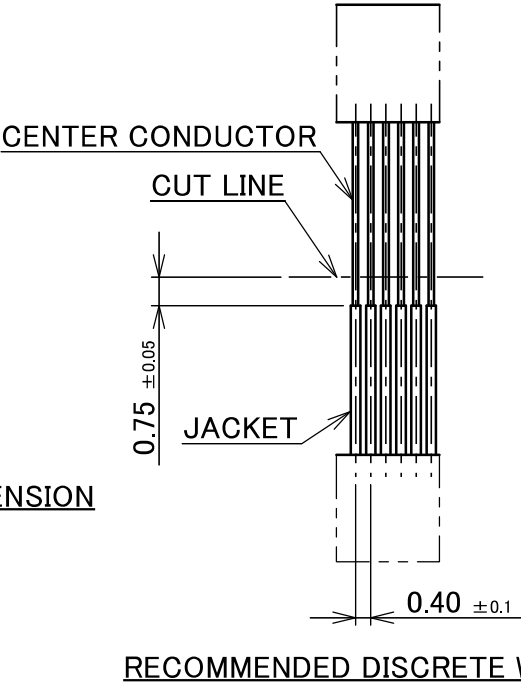
CHARACTERISTIC IMPEDANCE UN-MATCHING MICRO-COAXIAL CABLE

	a
#36	0.15

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



	b
#40	0.09
#42	0.075



DISCRETE WIRE DIMENSION

	c
#34	0.192
#36	0.15

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY			
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1R3R2				
GENERAL TOLERANCE.				TITLE CABLIN [®] -CA II PLUS PLUG FOR CABLE ASSEMBLY		SCALE	I-PEX		
DWG.	DATE					5:1			
CHK.						UNIT			
APP.						DWG. No.		mm	SIZE
				20788		A3	3/3	15	