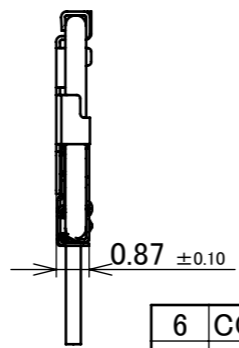
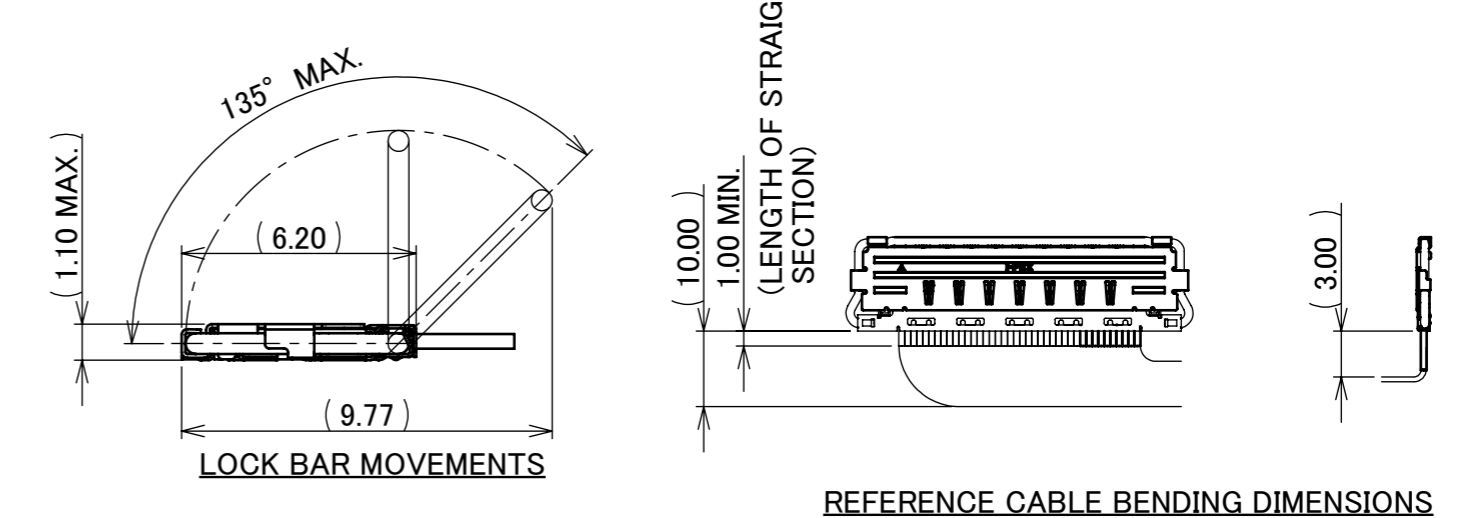
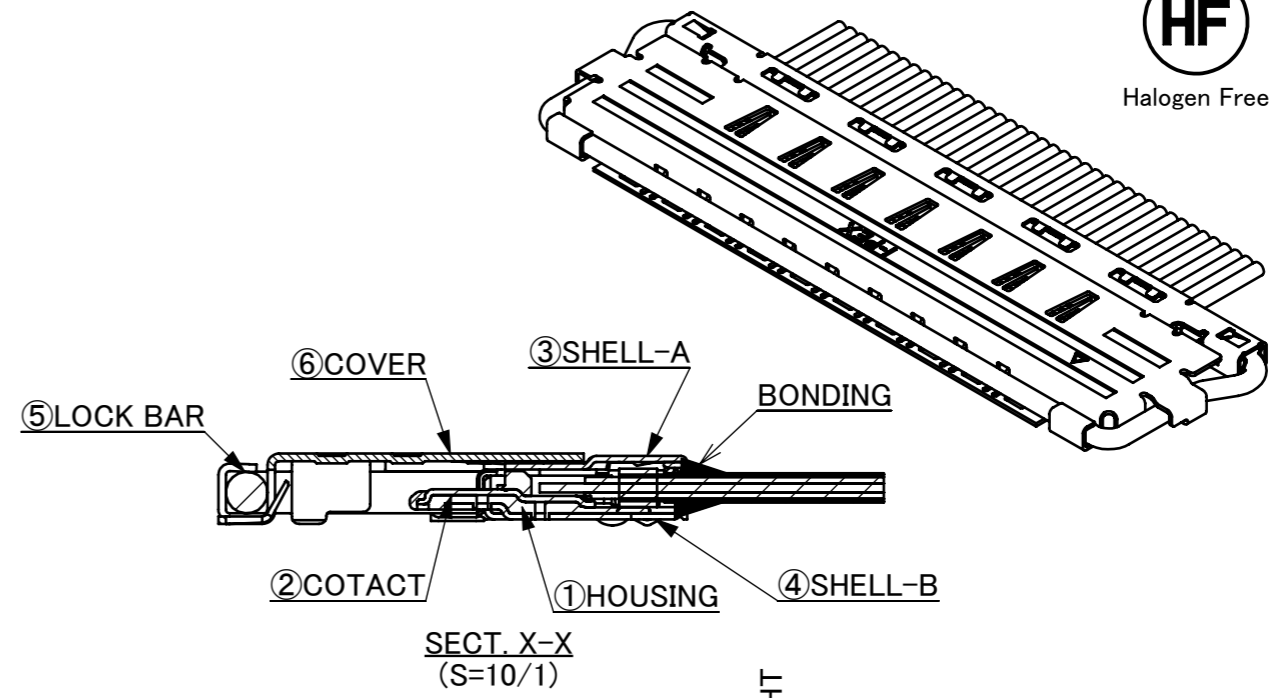
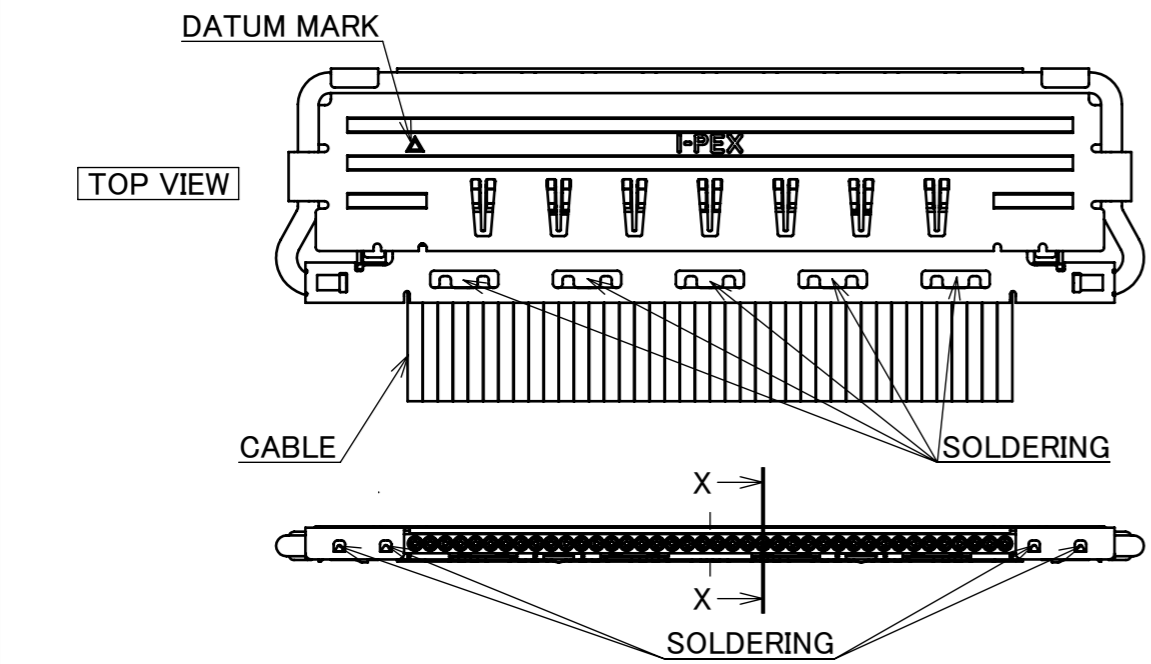
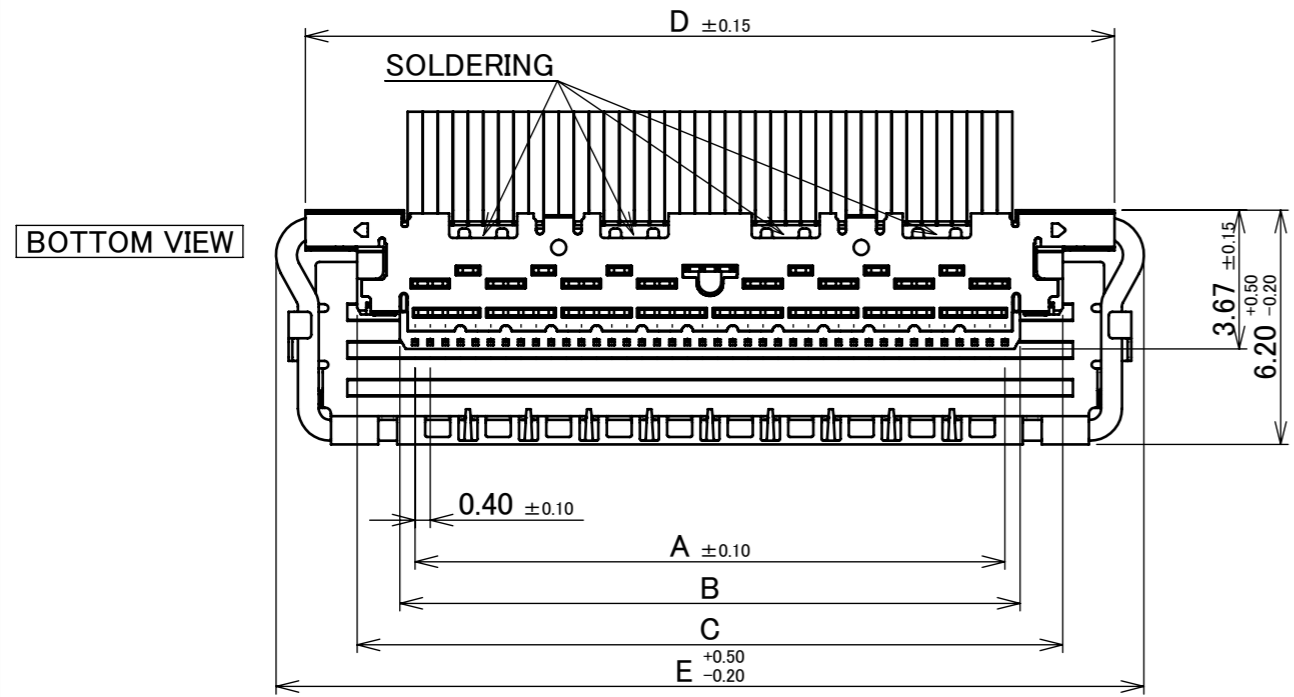


Recommended P/N 20679-0\*\*T-01

PART NO.	Pos.	A	B	C	D	E
20679-020T-01	20	7.60	8.40	10.66	13.40	14.95
20679-030T-01	30	11.60	12.40	14.66	17.40	18.95
20679-040T-01	40	15.60	16.40	18.66	21.40	22.95
20679-050T-01	50	19.60	20.40	22.66	25.40	26.95

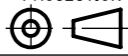


NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
6	COVER	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN.
5	LOCK BAR	SUS	-
4	SHELL-B	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.00 μ m MIN.
3	SHELL-A	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.00 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ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

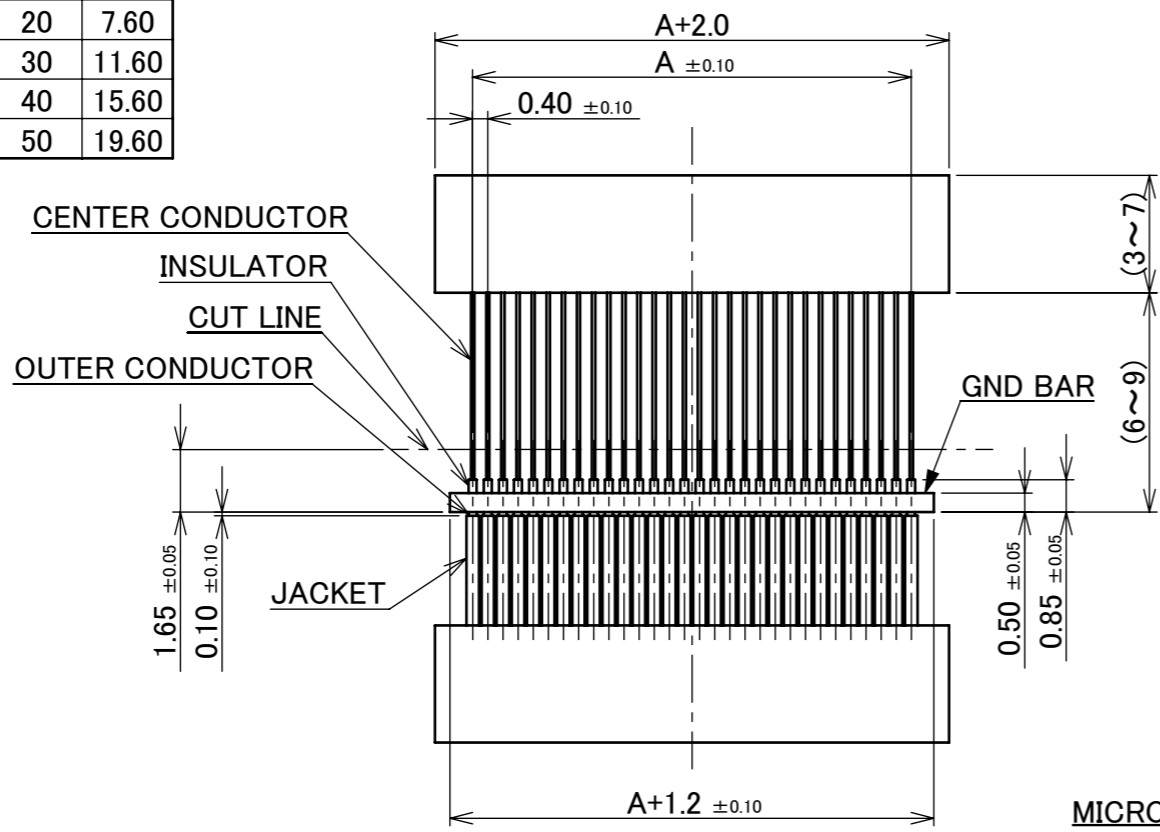
**PATENT REGISTERED**

REV.	ECN	BY	DATE	APP.	APP.	PROJECTION	SERIES No.	TITLE	SCALE	SHEET	REV.
10	Z241093	K.Hara	Aug./20/'24	H.I	ANGLE ±2°	6 OVER 30 MAX. ±0.3	R1R1R2	CABLINER <sup>®</sup> -CA II PLUG FOR CABLE ASSEMBLY	5:1	A3	10
9	Z240029	K.Hara	Jan./12/'24	H.I	6 MAX. ±0.2	30 OVER 120 MAX. ±0.5					
8	Z230042	K.B	Jan./13/'23	H.I	GENERAL TOLERANCE.						
7	Z220151	K.Hara	Feb./14/'22	H.I	DWG. T.Masunaga	DATE 2015/03/24					
6	Z181515	Y.M	Nov./19/'18	H.I	CHK. J.Tateishi						
5	Z180883	A.K	July/06/'18	H.I	APP. E.Kawabe						
REVISION RECORD						DWG. No.	20679				

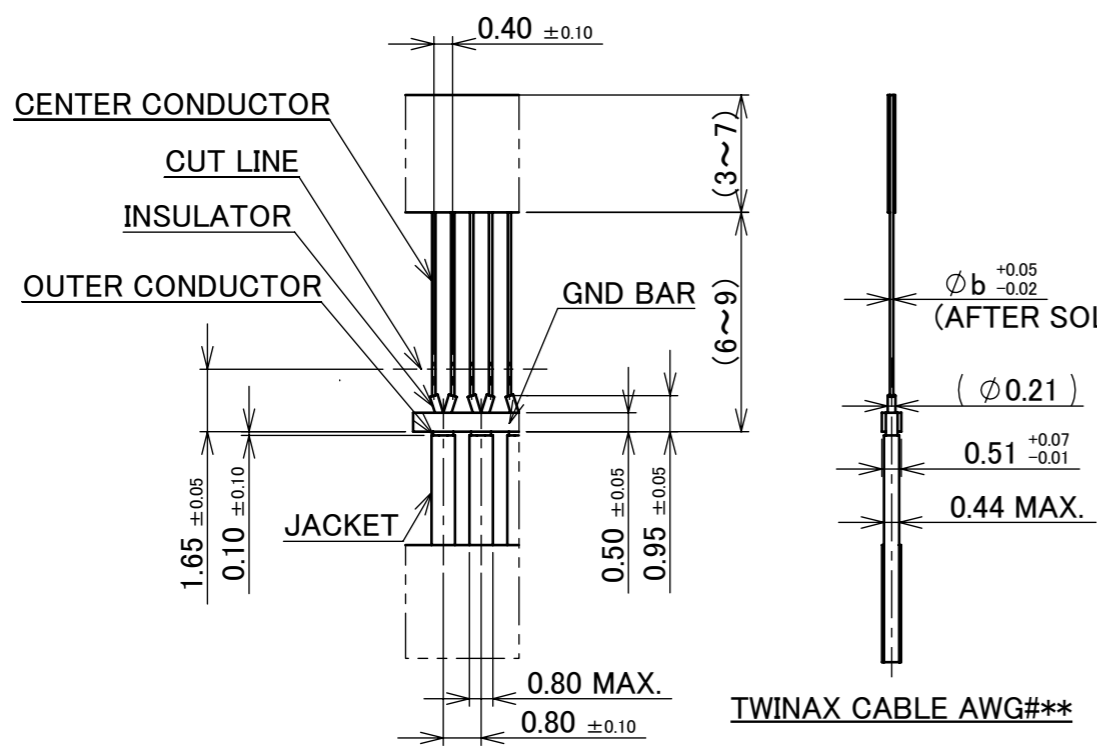
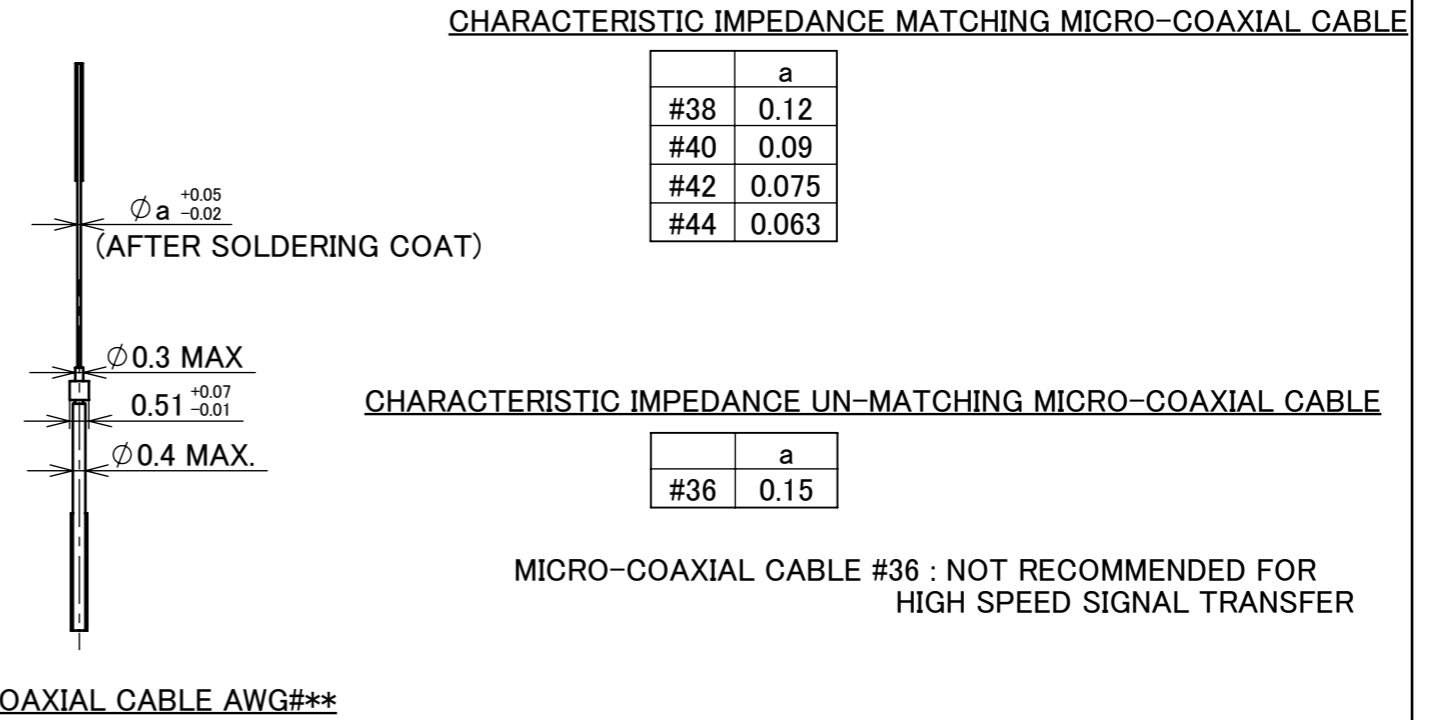
ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 44 , 42 , 40 , 38 , 36 DISCRETE WIRE : AWG# 36 , 34 TWINAX CABLE : AWG# 40 , 42
RATING VOLTAGE	100V AC (PER CONTACT PIN) ※THIS IS THE RATED VOLTAGE OF THE CONNECTOR. PLEASE NOTE THAT THE RATED VOLTAGE MAY VARY IN THE HARNESS DEPENDING ON THE CABLES USED.
RATING AMPERAGE (FOR CONTACT)	0.1A AC/DC [AWG#44] PER CONTACT PIN/UP TO 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 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 A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION
OPERATING TEMPERATURE	248~378K(-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)	20P : 9.70N MAX. 30P : 14.55N MAX. 40P : 19.40N MAX. 50P : 24.25N MAX.
UN-MATING FORCE (INITIAL / AFTER 30 CYCLES)	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-2163
TEST REPORT	TR-15103
INSTRUCTION MANUAL	HIM-15033
ASSEMBLY MANUAL	ASM-15005
APPEARANCE CRITERIA NO.	QLS-A***

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	$\pm 0.3$	PROJECTION 	SERIES No. R1R1R2	CUSTOMER COPY		
	6 MAX.	$\pm 0.2$	30 OVER 120 MAX.					
GENERAL TOLERANCE.				TITLE CABLIN <sup>®</sup> -CA II PLUG FOR CABLE ASSEMBLY	SCALE 5:1 UNIT mm	<b>I-PEX</b>		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20679	SIZE A3	SHEET 2/3	REV. 10

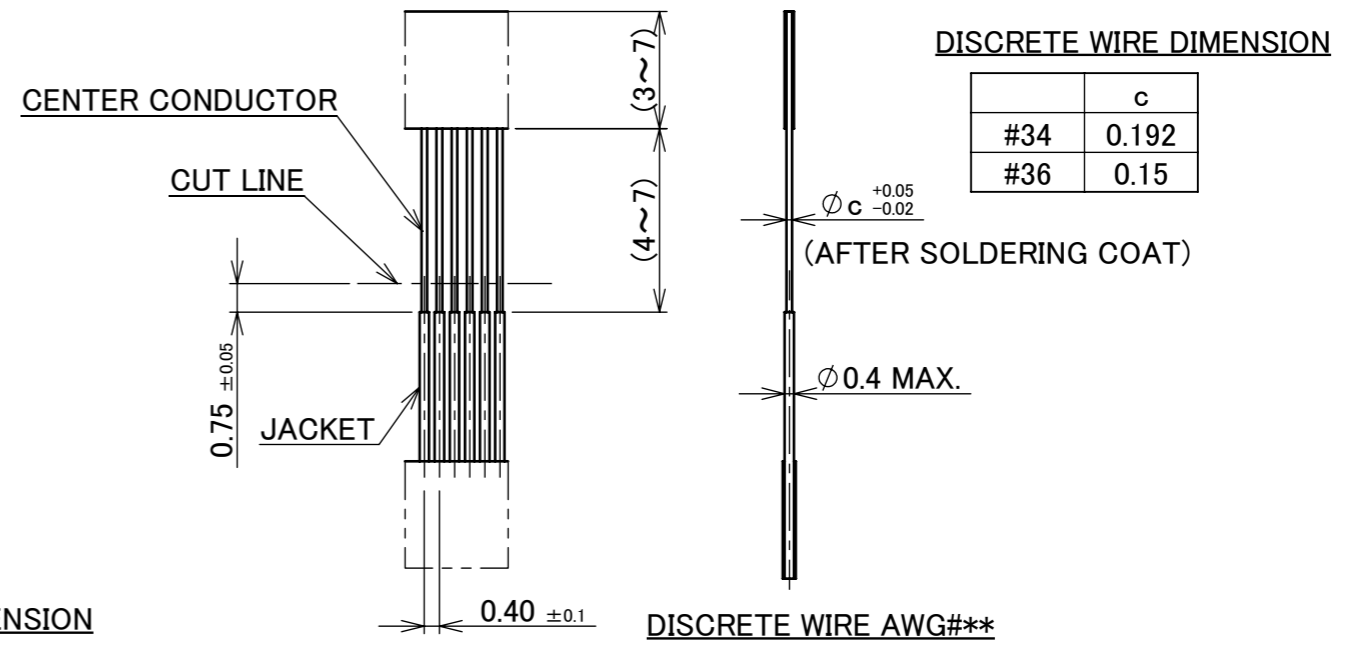
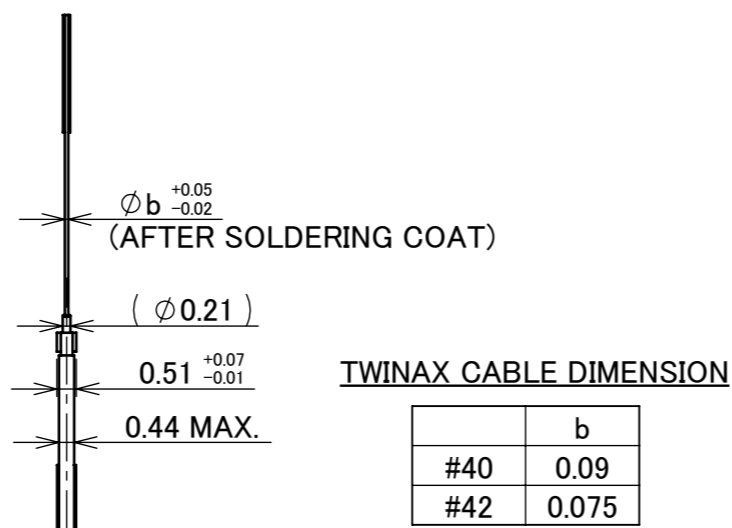
PART NO.	Pos.	A
20679-020T-01	20	7.60
20679-030T-01	30	11.60
20679-040T-01	40	15.60
20679-050T-01	50	19.60



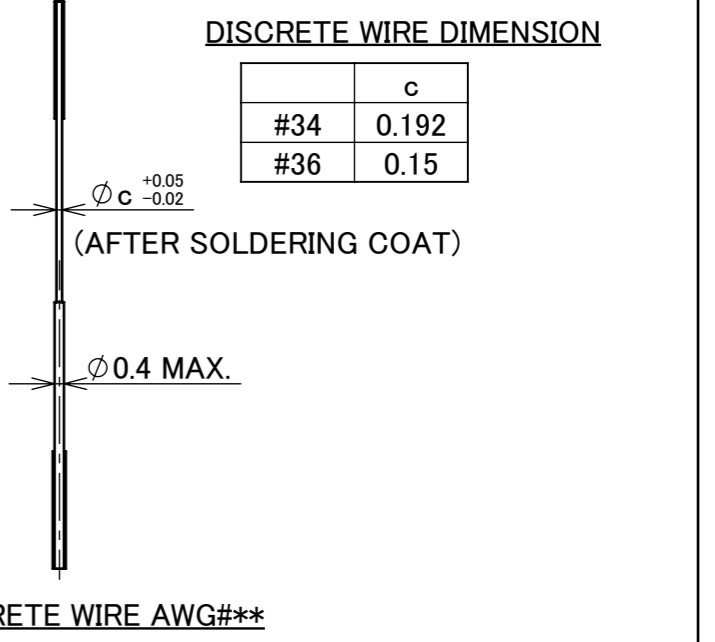
RECOMMENDED MICRO-COAXIAL CABLE DIM.



RECOMMENDED TWINAX CABLE DIM.



RECOMMENDED DISCRETE WIRE DIM.



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.	$\pm 0.5$	R1R1R2			
GENERAL TOLERANCE.				TITLE	SCALE		I-PEX	
DWG.	DATE			CABLIN <sup>®</sup> -CA II PLUG FOR CABLE ASSEMBLY	5:1	UNIT		
CHK.					mm			
APP.				DWG. No.	20679	SIZE	SHEET	REV.
						A3	3/3	10