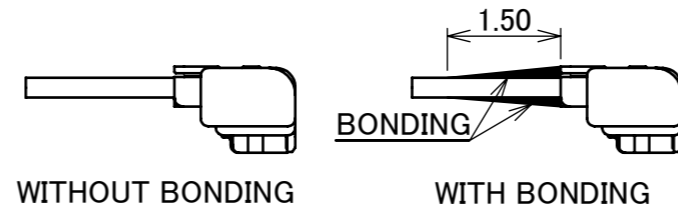
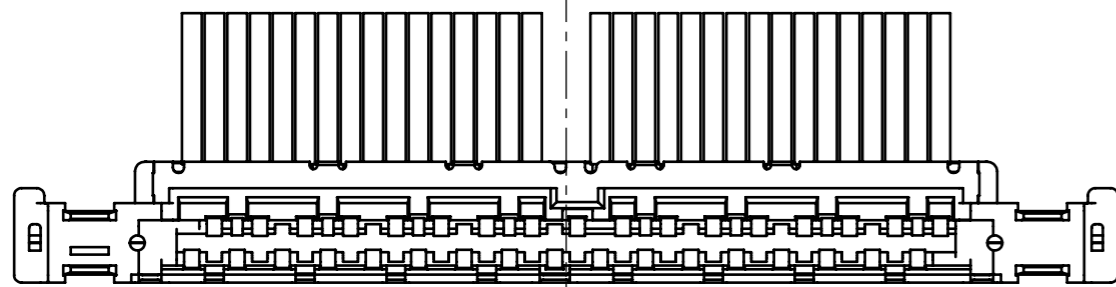
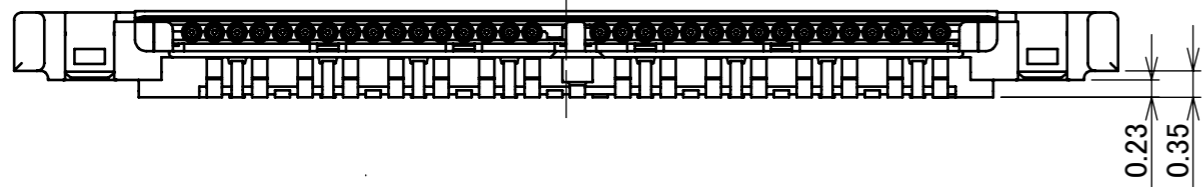
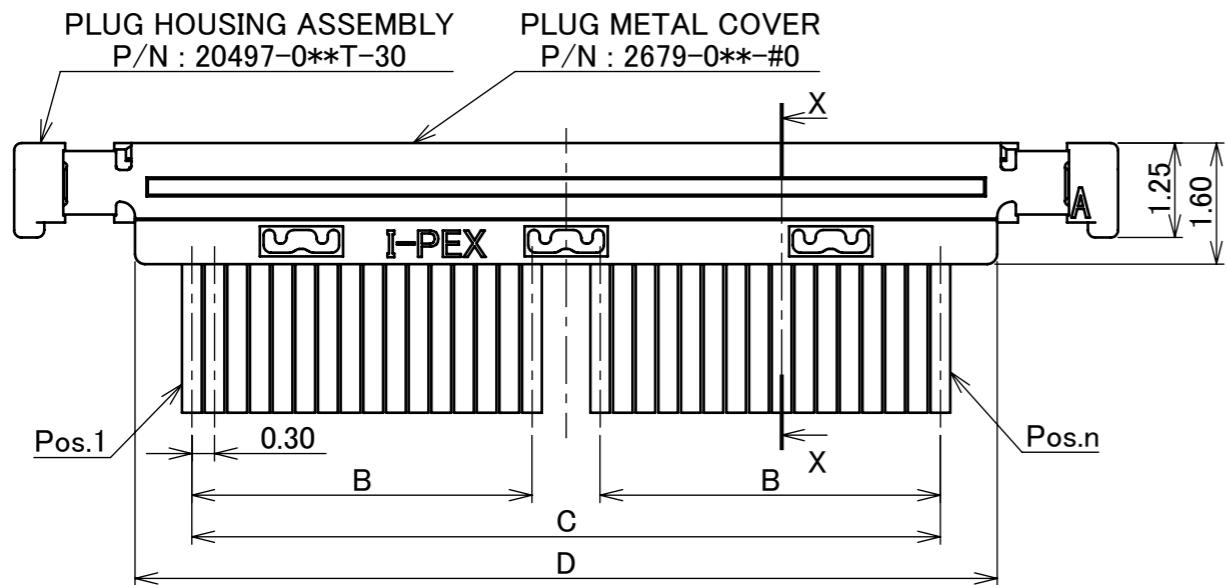
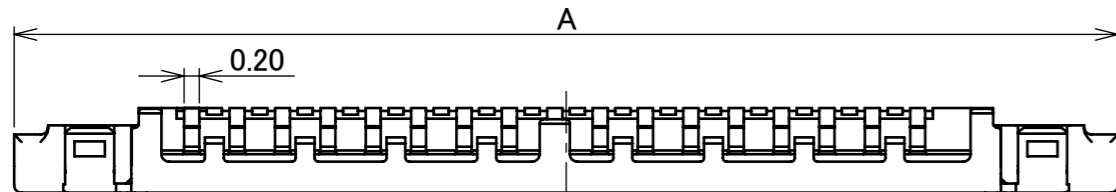


Recommended P/N		20496-0**-40				
PART No.	POS.	A	B	C	D	
20496-026-#0	26	12.8	3.6	8.1	9.6	
20496-032-#0	32	14.6	4.5	9.9	11.4	
◆ 20496-034-#0	34	15.2	4.8	10.5	12.0	
20496-040-#0	40	17.0	5.7	12.3	13.8	
20496-050-#0	50	20.0	7.2	15.3	16.8	

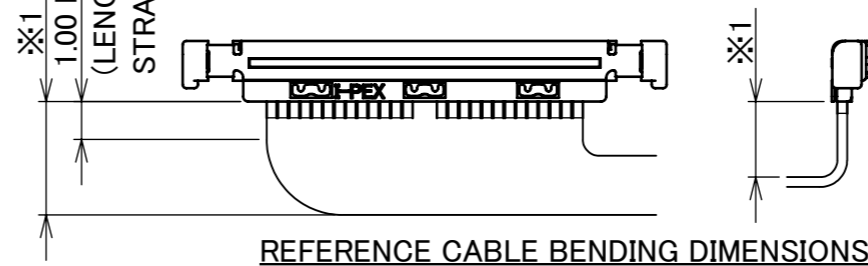
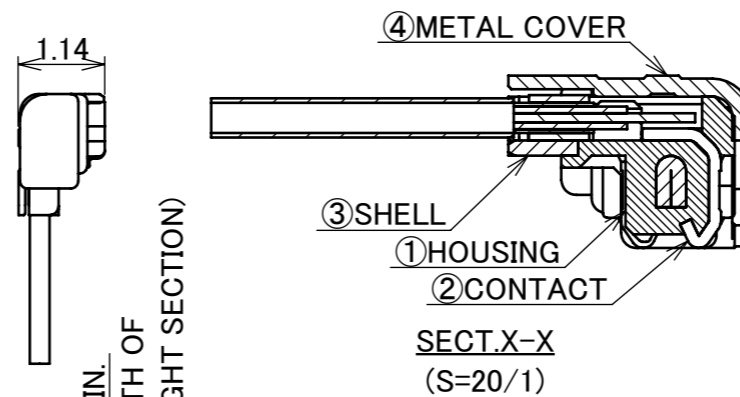
◆ MARK MEANS NOT AVAILABLE

20496-0**-#0
 3: METAL COVER Au PLATING
 4: METAL COVER Sn PLATING
 Pos.

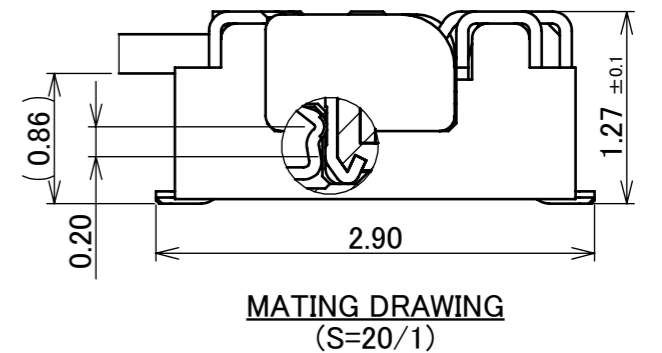
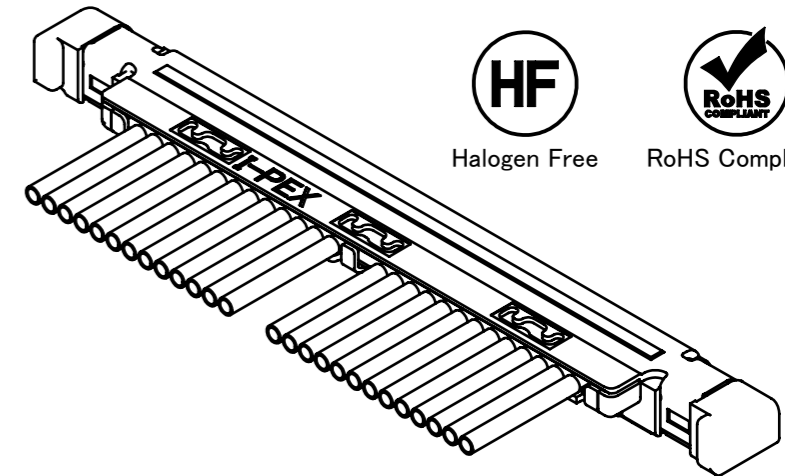
PART COMBINATION TABLE			
PLUG CABLE ASSEMBLY	HOUSING ASSEMBLY	METAL COVER	RECEPTACLE ASSEMBLY
20496-0**-30	20497-0**T-30	2679-0**-00	20498-0**E-3#
20496-0**-40		2679-0**-10	20498-0**E-4#



ASSEMBLY STATE
 ※WE RECOMMEND BONDING THE CABLE AND CONNECTOR TO PROTECT THE CABLE.



※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.



NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
4	METAL COVER	STAINLESS STEEL	P/N 20496-0**-30: Au 0.05 μ m MIN. OVER Ni 1.00 μ m MIN. P/N 20496-0**-40: Sn 1.00 μ m MIN. OVER Ni 1.00 μ m MIN.
3	SHELL	PHOSPHOR BRONZE	Ni 1.00 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE	Au 0.10 μ m MIN. OVER Ni 1.00 μ m MIN.
1	HOUSING	LCP	UL94V-0, BLACK

REV.	ECN	BY	DATE	APP.	APP.	DATE	DWG. No.	SIZE	SHEET	REV.
18	Z241456	T.T	2024/10/17	H.I	ANGLE	±2°	6 OVER 30 MAX.	±0.3		
17	Z240030	R.H	2024/01/11	H.I	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		
16	Z220216	S.Y	2022/03/01	H.I	GENERAL TOLERANCE.					
15	Z200501	S.Y	2020/05/13	Y.S	DWG.	J.Ohsaka	DATE	2008/11/04		
14	Z190779	S.Y	2019/06/12	H.I	CHK.	-				
13	Z181009	T.O	2018/07/31	H.I	APP.	-				
REVISION RECORD					E.Kawabe	2008/11/04	20496	A3	1/4	18

ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 46 , 44 , 42 DISCRETE WIRE : AWG# 39
RATING VOLTAGE	50V 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)	0.50A AC/DC [AWG#39] (PER CONTACT PIN / UP TO 10 CONTACTS) 0.15A AC/DC [AWG#46] 0.19A AC/DC [AWG#44] 0.20A AC/DC [AWG#42]
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 450mohm MAX.(AWG#39) 700mohm MAX.(AWG#42) 1080mohm MAX.(AWG#44) 1880mohm MAX.(AWG#46) AFTER TEST : \triangle 40mohm MAX.
GROUND CONTACT RESISTANCE	INITIAL : 100mohm MAX. / AFTER TEST : \triangle 40mohm MAX.
INSULATION RESISTANCE	INITIAL : 100Mohm MIN. / AFTER TEST : 100Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC100V 1min
DURABILITY	20 CYCLES
MATING FORCE (INITIAL / 20 CYCLES)	26P : 28.0N MAX. 32P : 34.5N MAX. 40P : 40.0N MAX. 50P : 50.0N MAX.
UNMATING FORCE (INITIAL / 20 CYCLES)	26P : 3.0N MIN. 32P : 3.0N MIN. 40P : 3.0N MIN. 50P : 3.0N MIN.
CABLE RETENTION FORCE	15.0N MIN. (AWG# 44)
PRODUCT SPECIFICATION	PRS-1469
TEST REPORT	TR-09032
INSTRUCTION MANUAL	HIM-09006
ASSEMBLY MANUAL	ASM-09004
APPEARANCE CRITERIA No.	QLS-A***

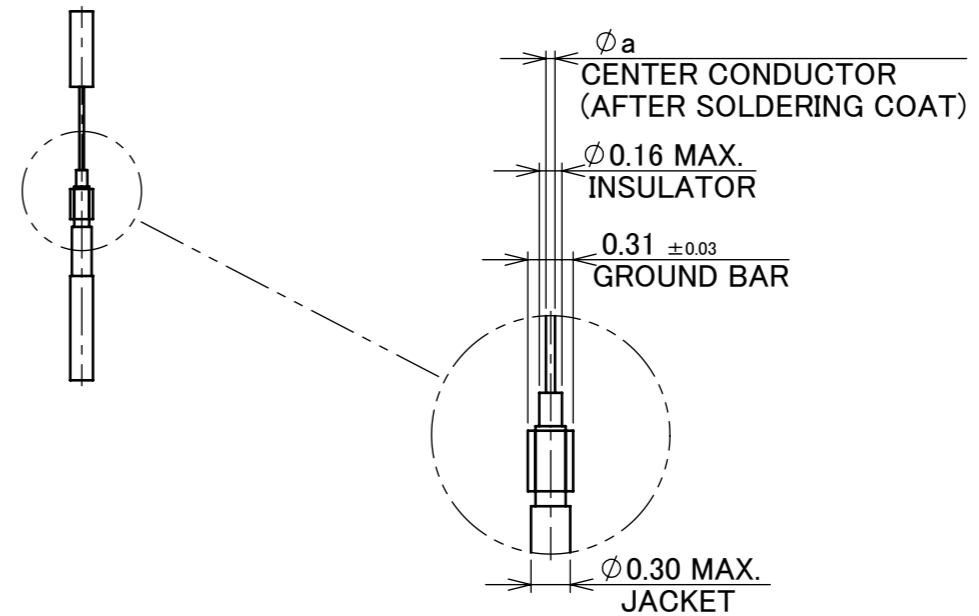
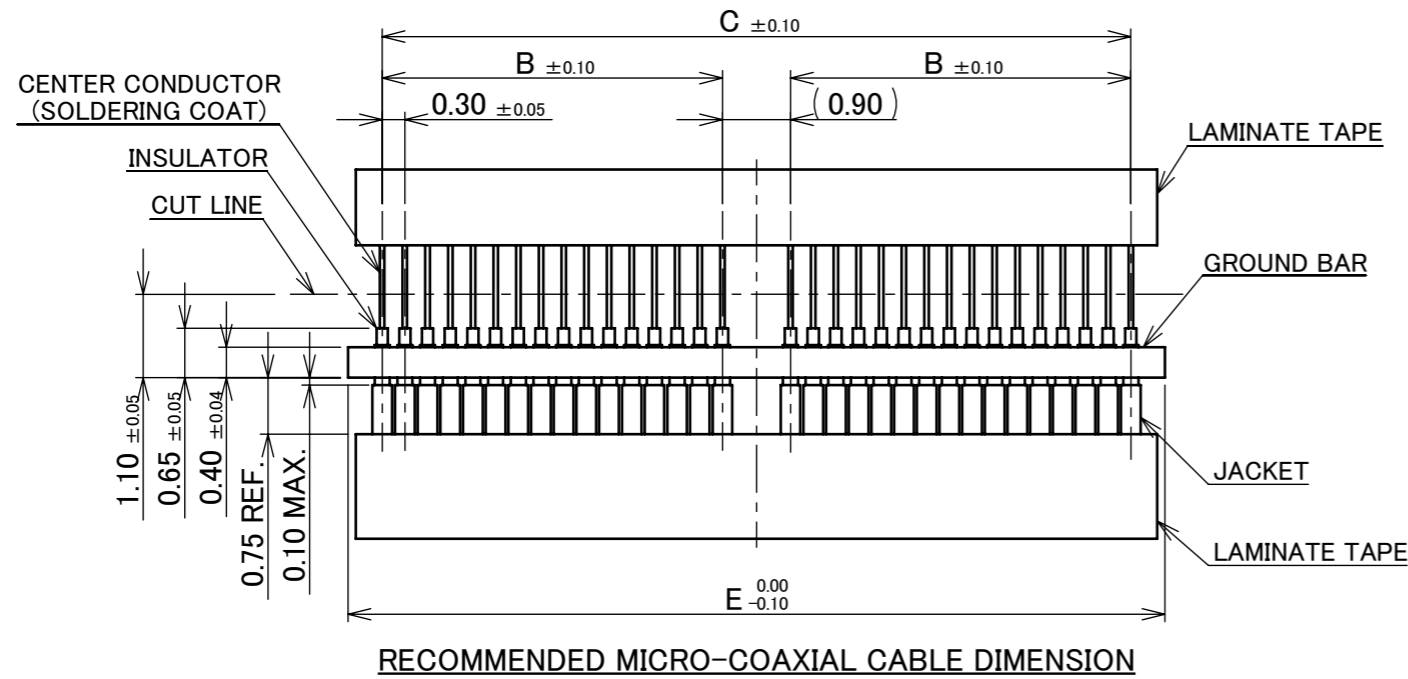
ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R1R1	CUSTOMER COPY		
	6 MAX.	± 0.2	30 OVER 120 MAX.					± 0.5
GENERAL TOLERANCE.				TITLE CABLIN [®] -UA II PLUG CABLE ASSEMBLY	SCALE	I-PEX		
DWG.	DATE							UNIT
CHK.								mm
APP.								SIZE SHEET REV.
				DWG. No.	20496	A3	2/4	18

	PART No.	POS.	B	C	E
	20496-026-#0	26	3.6	8.1	9.0
	20496-032-#0	32	4.5	9.9	10.8
◆	20496-034-#0	34	4.8	10.5	11.4
	20496-040-#0	40	5.7	12.3	13.2
	20496-050-#0	50	7.2	15.3	16.2

◆ MARK MEANS NOT AVAILABLE

MICRO-COAXIAL CABLE DIMENSION

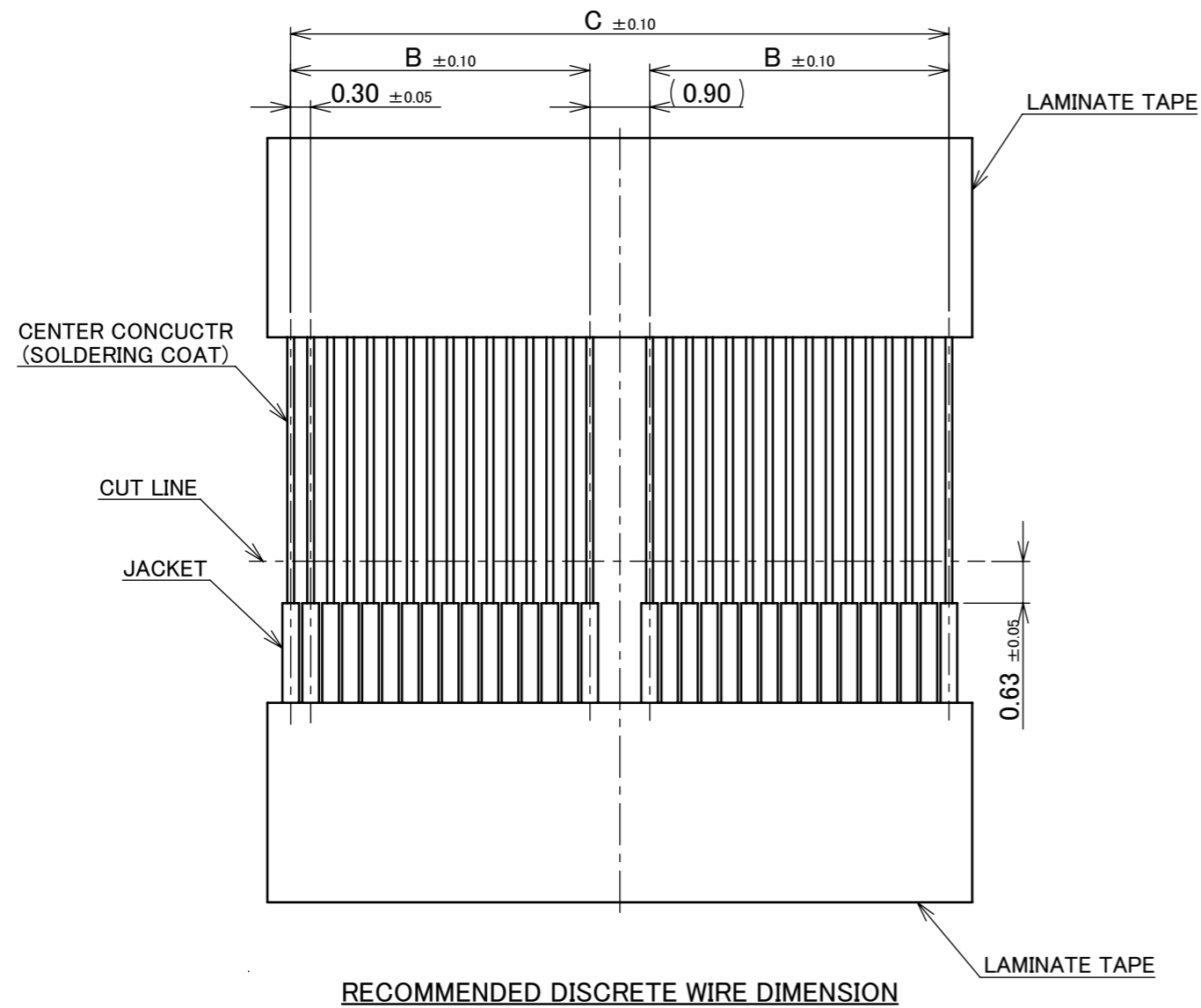
	a
#42	∅ 0.075
#44	∅ 0.063
#46	∅ 0.048



ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R1R1	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UA II PLUG CABLE ASSEMBLY	SCALE 10:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20496	SIZE A3	SHEET 3/4	REV. 18

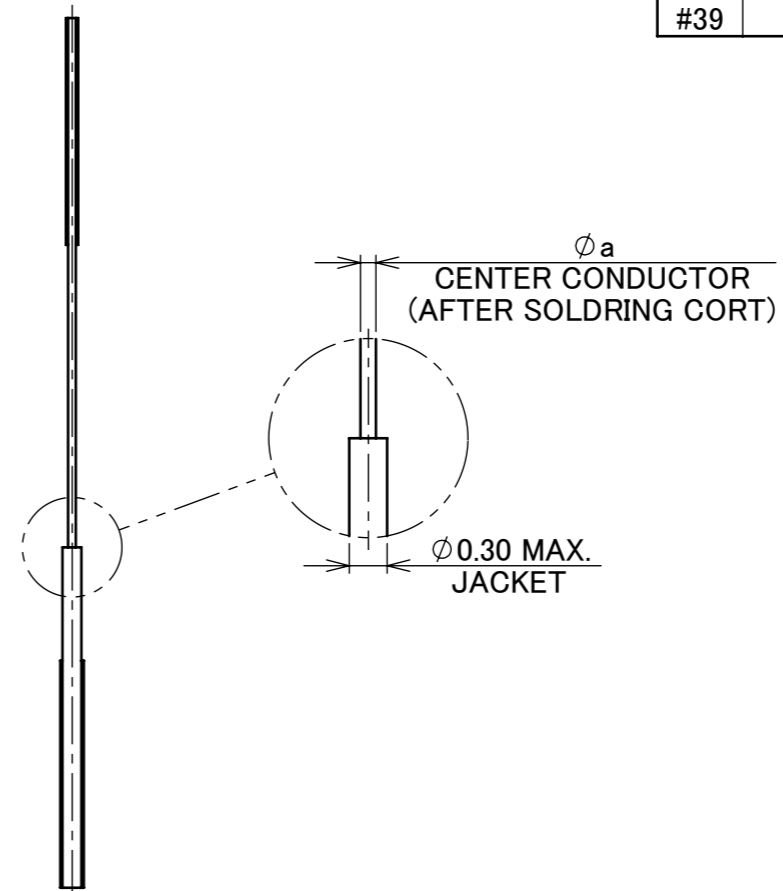
	PART No.	POS.	B	C
	20496-026-#0	26	3.6	8.1
	20496-032-#0	32	4.5	9.9
◆	20496-034-#0	34	4.8	10.5
	20496-040-#0	40	5.7	12.3
	20496-050-#0	50	7.2	15.3

◆ MARK MEANS NOT AVAILABLE



DISCRETE WIRE DIMENSION

	a
#39	Ø0.102



ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R1R1	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE® -UA II PLUG CABLE ASSEMBLY	SCALE 10:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No.	20496	SIZE A3	SHEET 4/4	REV. 18