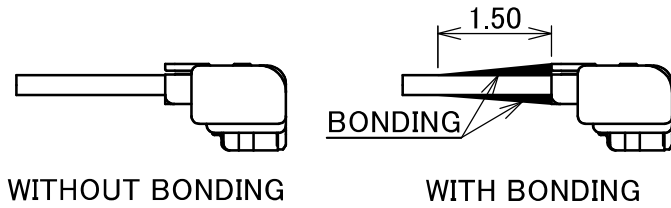
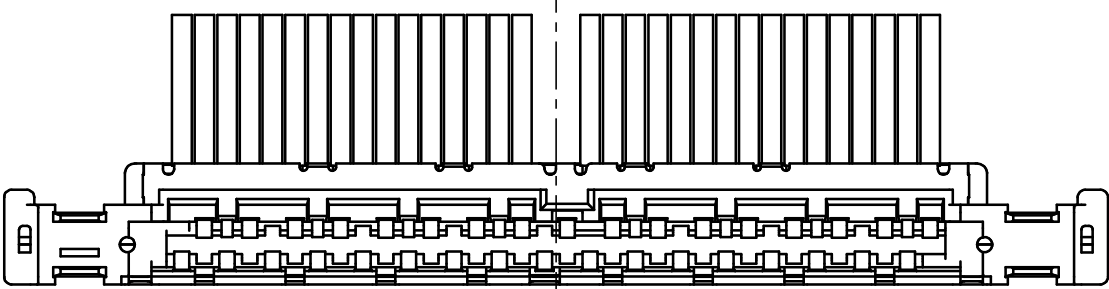
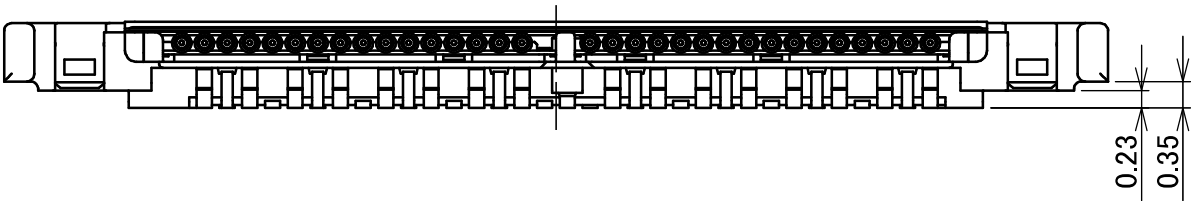
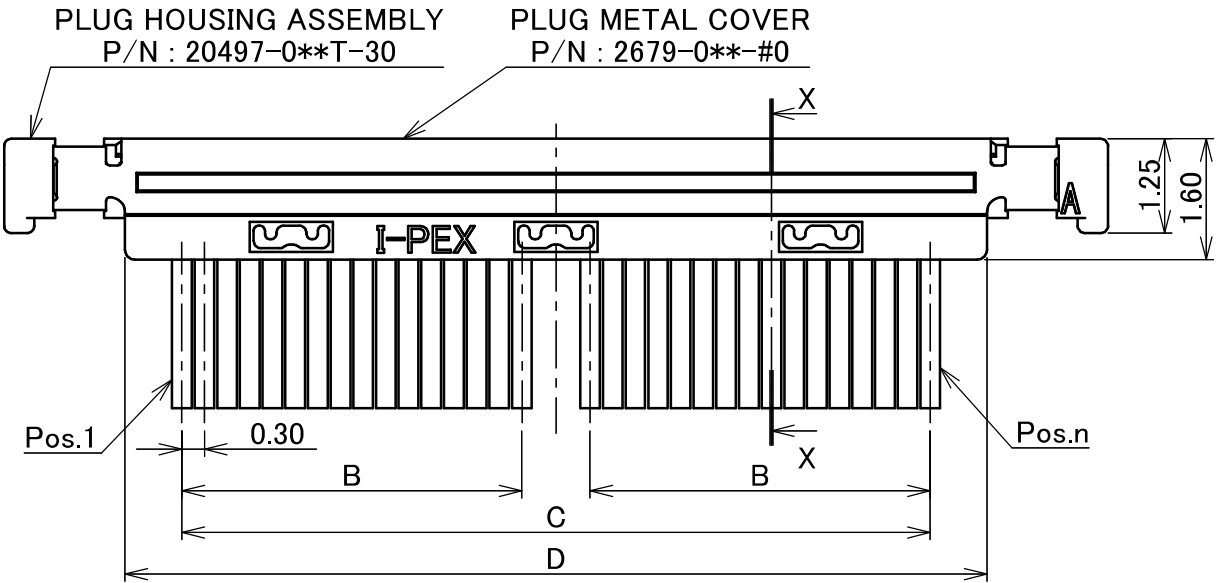
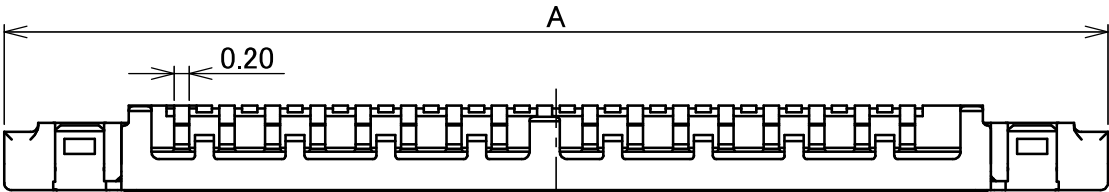


Recommended P/N20496-0**-40

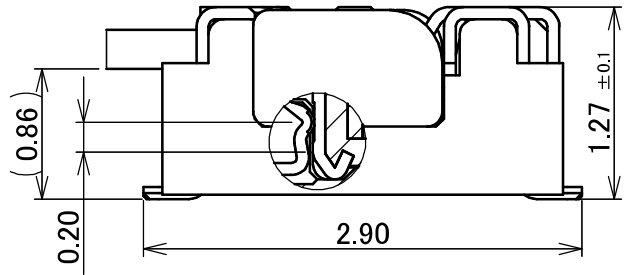
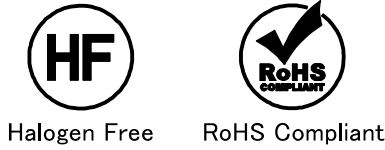
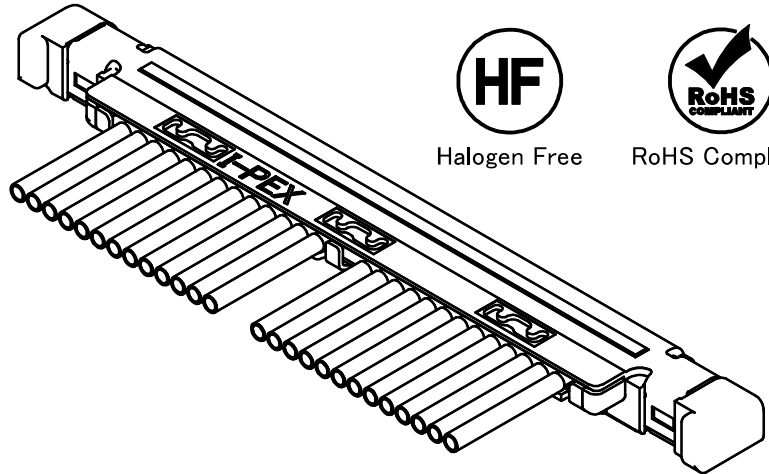
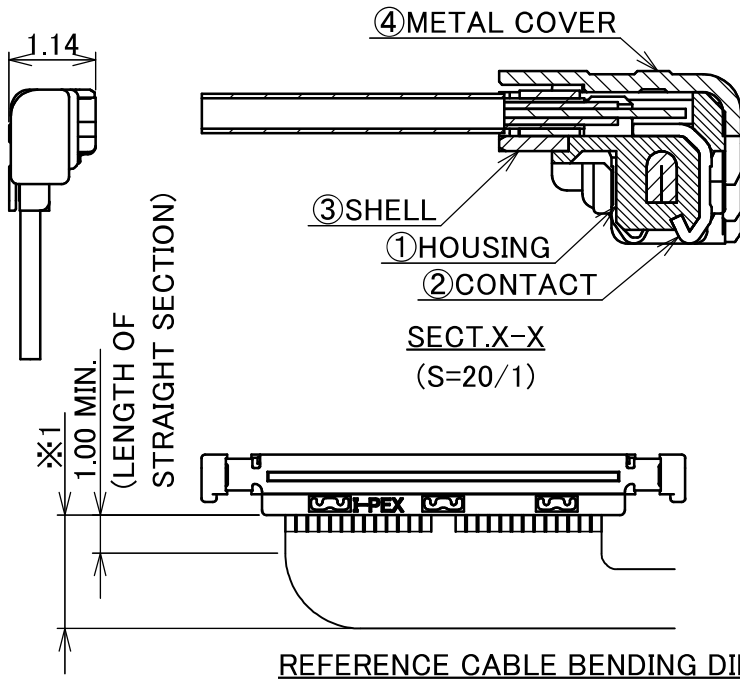
PART No.	POS.	A	B	C	D
20496-026-#0	26	12.8	3.6	8.1	9.6
20496-032-#0	32	14.6	4.5	9.9	11.4
20496-040-#0	40	17.0	5.7	12.3	13.8
20496-050-#0	50	20.0	7.2	15.3	16.8

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.



MATING DRAWING (S=20/1)

※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.

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
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

19	ZC00924	R.H	2026/09/03	T.M	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY			
18	Z241456	T.T	2024/10/17	H.I	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1R1				
17	Z240030	R.H	2024/01/11	H.I	GENERAL TOLERANCE.				TITLE CABLINE®-UA II PLUG CABLE ASSEMBLY		SCALE	I-PEX		
16	Z220216	S.Y	2022/03/01	H.I	DWG.	DATE		10:1						
15	Z200501	S.Y	2020/05/13	Y.S	J.Ohsaka 2008/11/04						UNIT			
14	Z190779	S.Y	2020/05/13	Y.S	CHK.			mm						
REV.	ECN	BY	DATE	APP.					DWG. No.	20496		SIZE	SHEET	REV.
REVISION RECORD					E.Kawabe				20496		A3	1/4		19

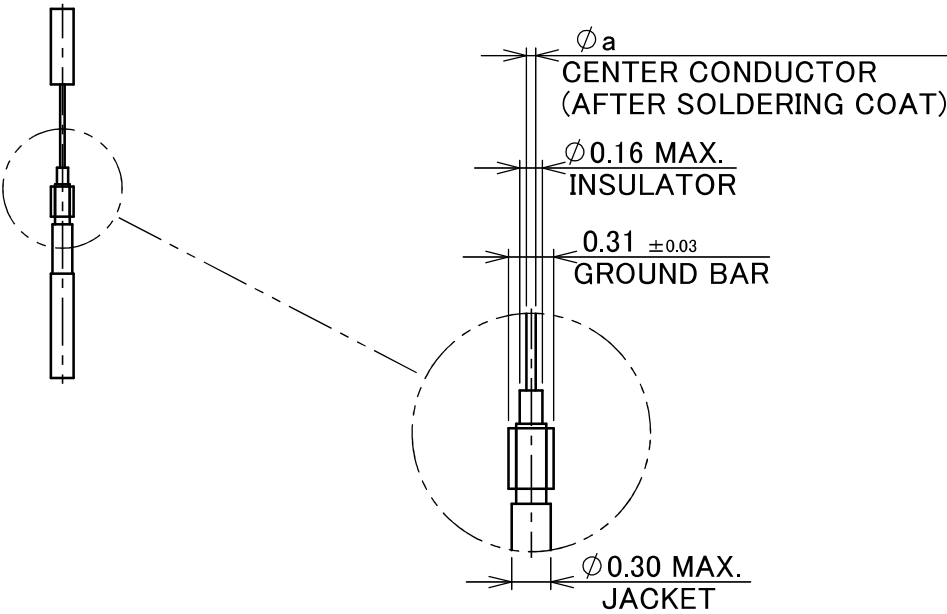
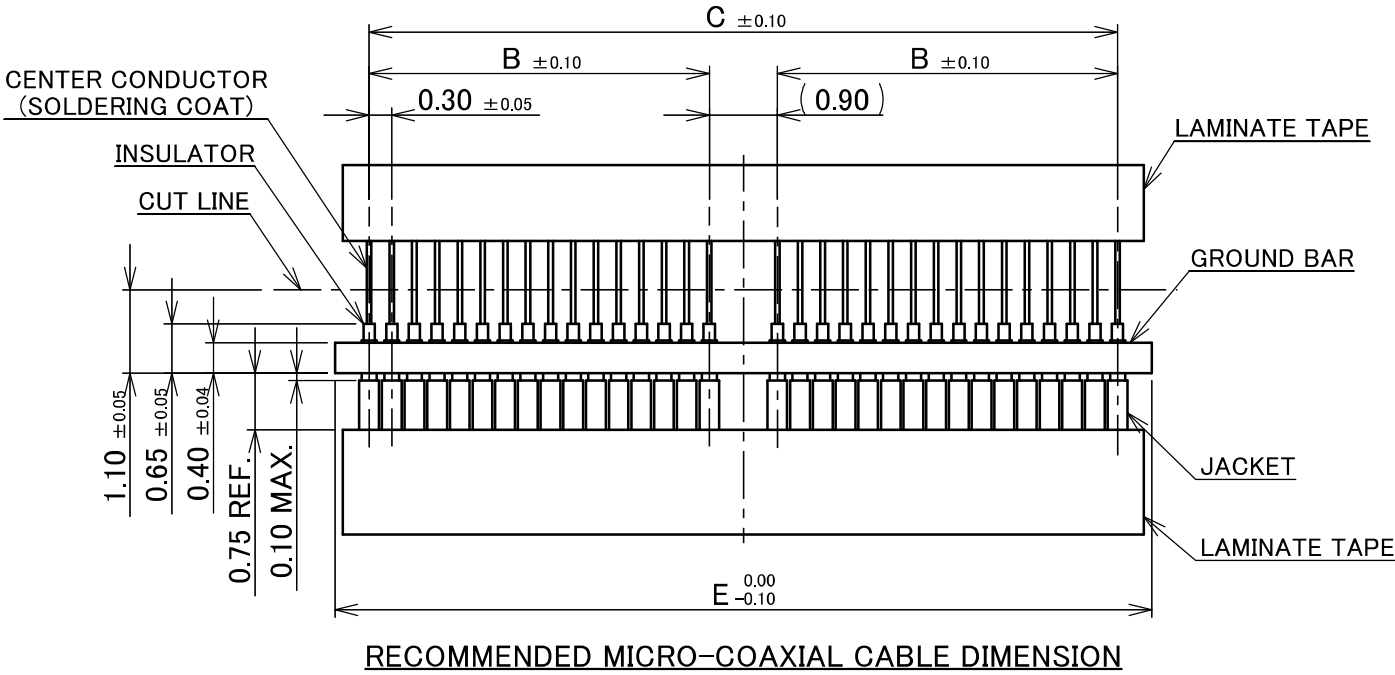
ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXAL CABLE : AWG# 46 , 44 , 42 DISCRETE WIRE : AWG# 39
RATING VOLTAGE	50V AC (PER CONTACT PIN) ※THIS IS THE RATED VOLTAGE OF THE CONNECTOR. PLEASE NOTE THAT THE RATED VOLTAGE MAY VARY IN THE HARNESS DEPENDING ON THE CABLES USED.
RATING AMPERAGE (FOR CONTACT)	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℃~+85℃)
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 : ≦40mohm MAX.
GROUND CONTACT RESISTANCE	INITIAL : 100mohm MAX. / AFTER TEST : ≦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	±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 CABL [®] INE®-UA II PLUG CABLE ASSEMBLY	SCALE 5:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No. 20496	SIZE A3	SHEET 2/4	REV. 19	

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
20496-040-#0	40	5.7	12.3	13.2
20496-050-#0	50	7.2	15.3	16.2

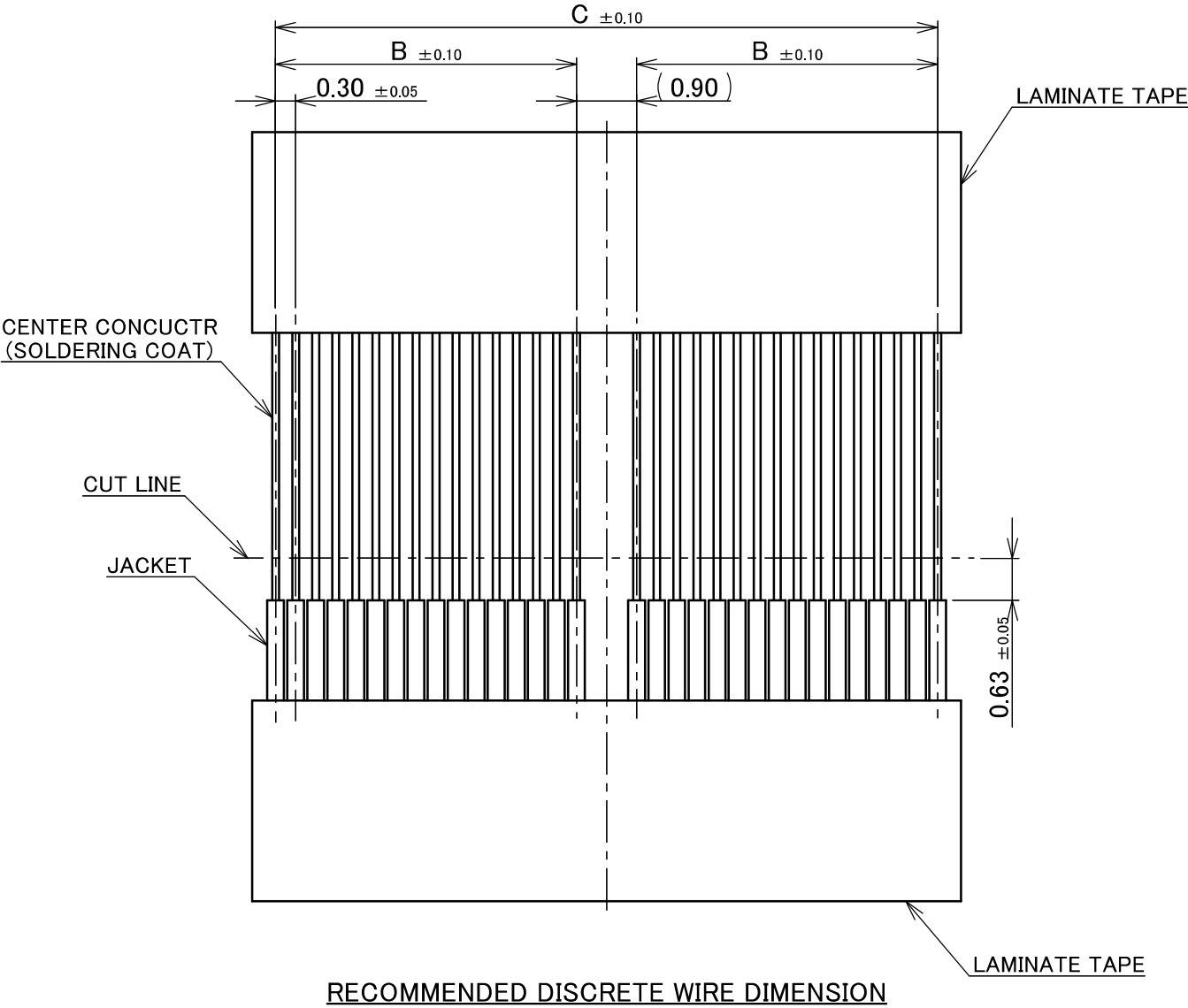
MICRO-COAXIAL CABLE DIMENSION

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



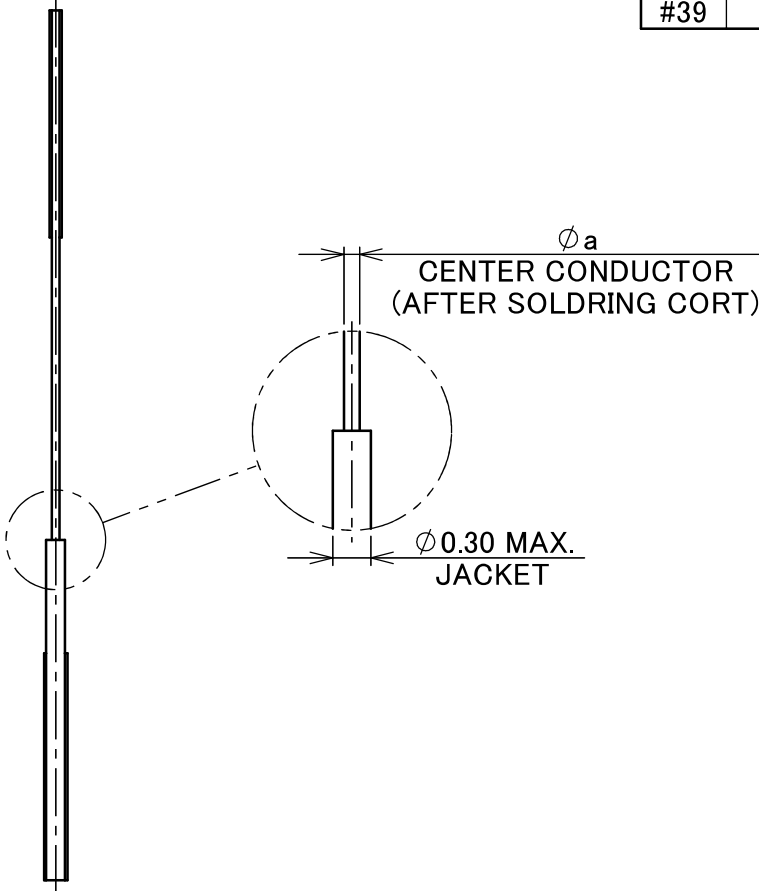
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R1R1	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UA II PLUG CABLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					10:1		
CHK.						UNIT		
						mm		
APP.				DWG. No.	20496	SIZE	SHEET	REV.
						A3	3/4	19

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



DISCRETE WIRE DIMENSION

	a
#39	$\phi 0.102$



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 CABL [®] INE®-UA II PLUG CABLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					10:1		
CHK.						UNIT		
						mm		
APP.				DWG. No.	20496	SIZE	SHEET	REV.
						A3	4/4	19