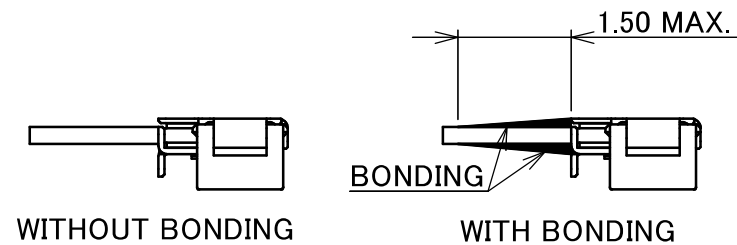
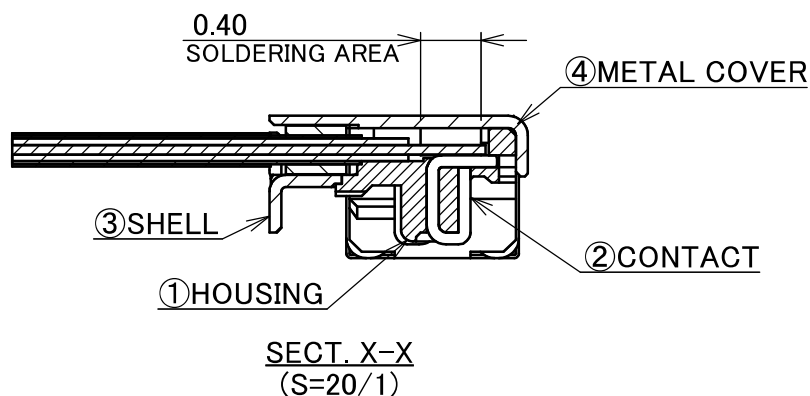
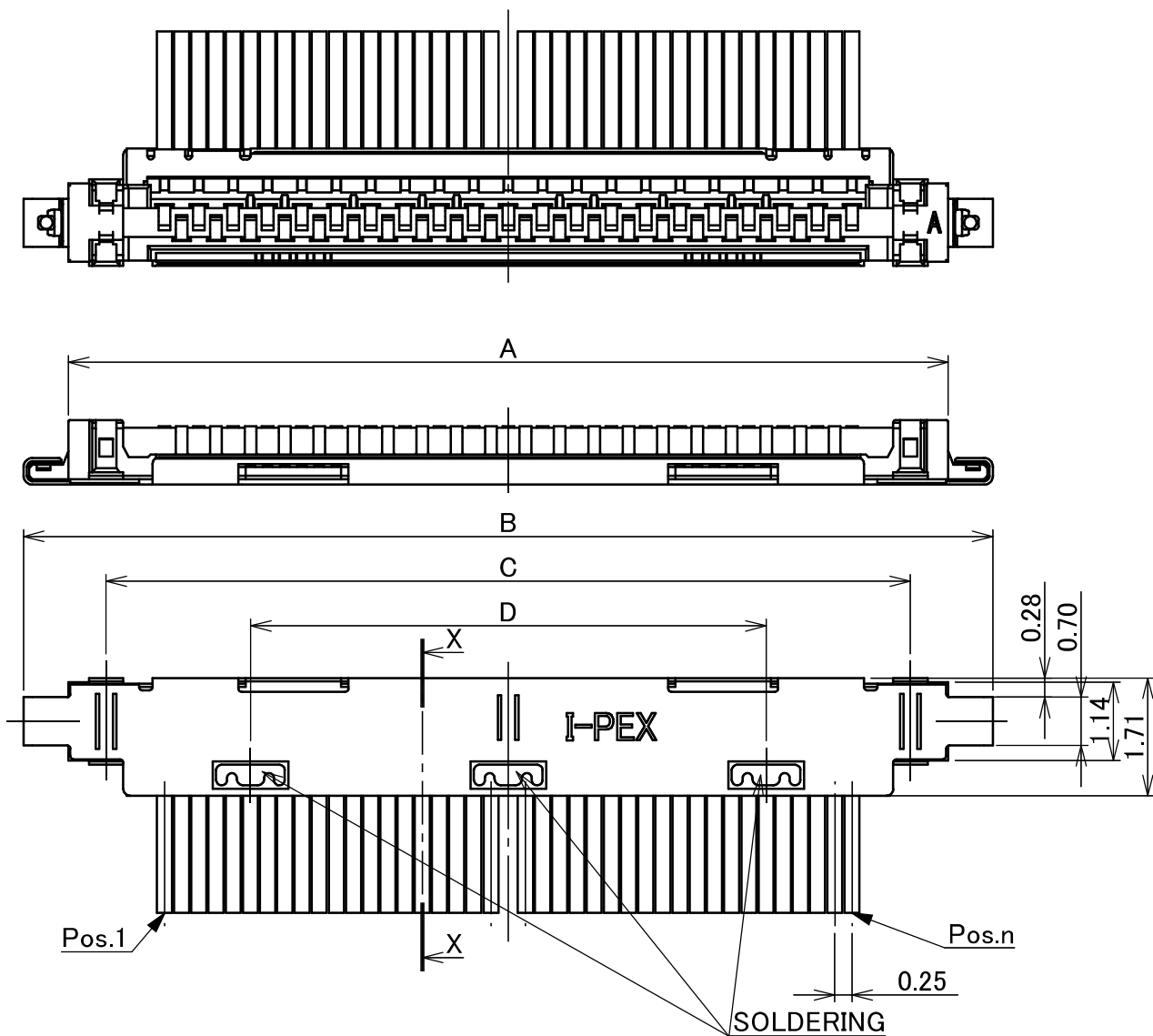


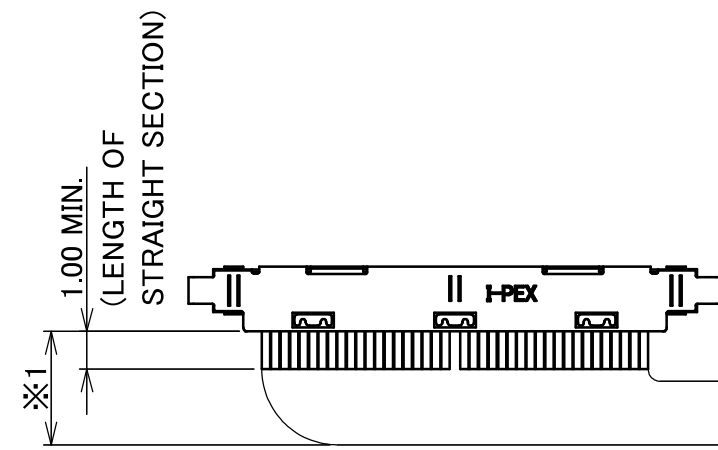
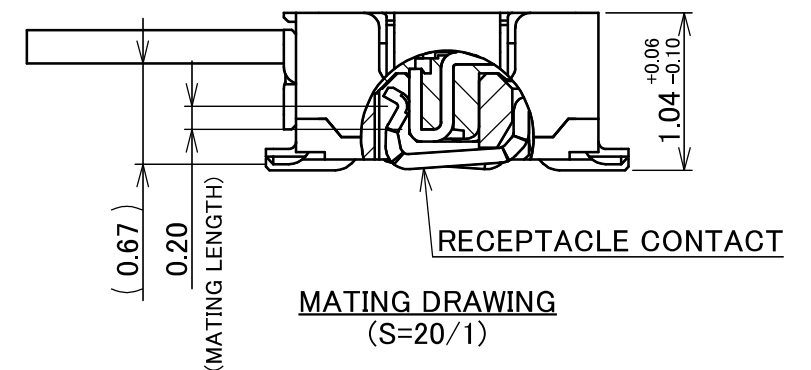
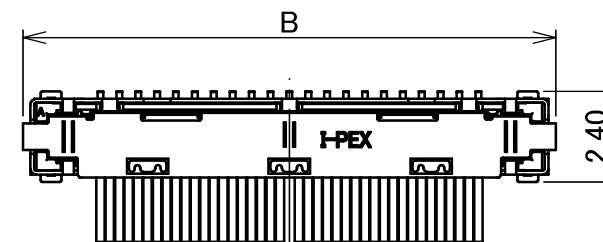
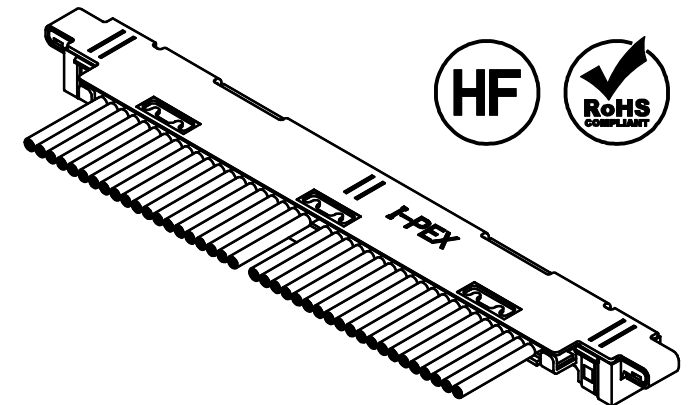
RECOMMENDED PART No. 20531-0**T-02-1

PART No.	A	B	C	D
20531-030T-02-1	10.3	11.6	9.2	5.0
20531-034T-02-1	11.3	12.6	10.2	6.0
20531-040T-02-1	12.8	14.1	11.7	7.5
20531-050T-02-1	15.3	16.6	14.2	10.0

20531-0 ** T-02-1
Pos.

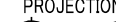


ASSEMBLY STATE
※WE RECOMMEND BONDING THE CABLE AND CONNECTOR TO PROTECT THE CABLE.

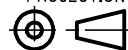


※1 : THE BEND DIMENSIONS MAY VARY BASED ON THE SIZE AND QUANTITY OF CABLES.
PLEASE CONFIRM THE MINIMUM BENDING RADIUS WITH I-PEX OR THE HARNESS MANUFACTURER.

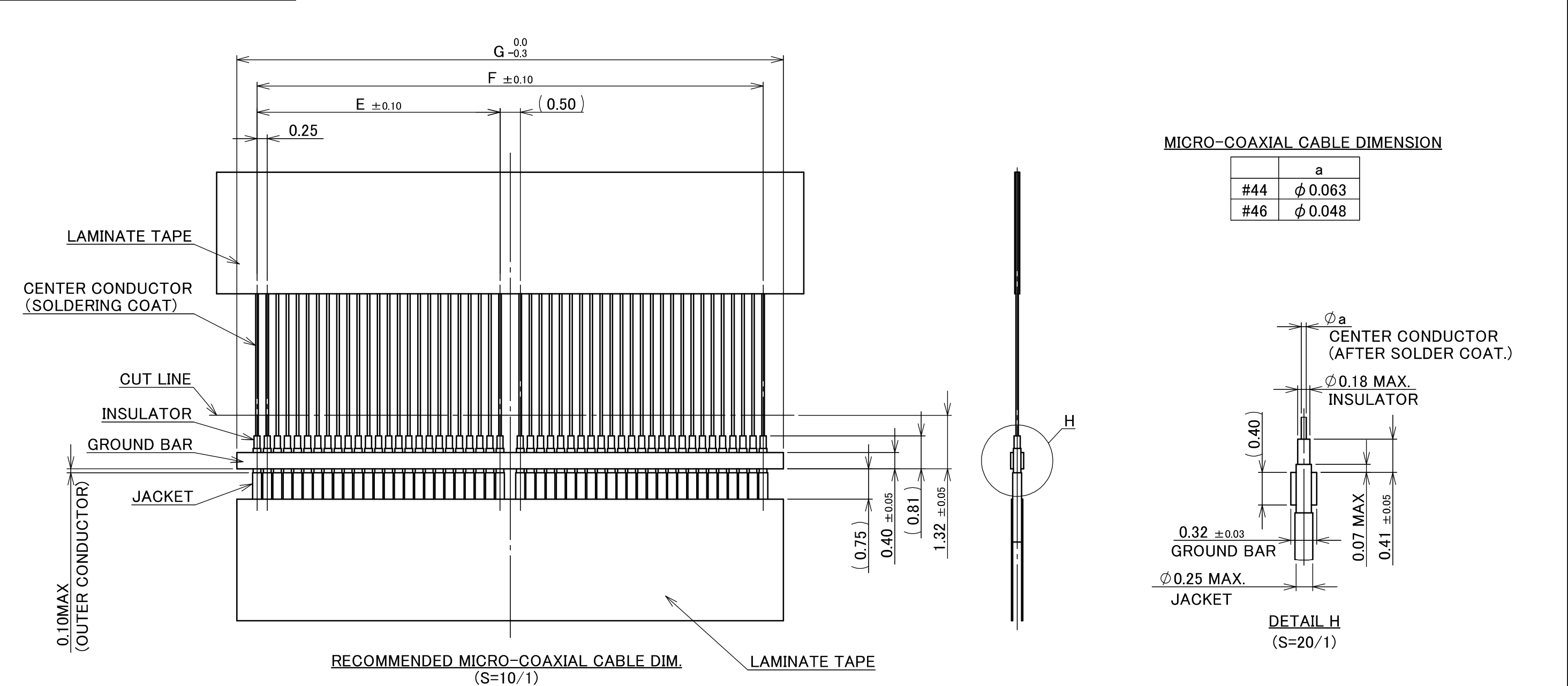
4	METAL COVER	SUS	Au 0.05 μ m MIN. OVER Ni 1.0 μ m MIN.
3	SHELL	PHOSPHOR BRONZE	Au 0.05 μ m MIN. OVER Ni 1.0 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE	Au 0.1 μ m MIN. OVER Ni 1.0 μ m MIN.
1	HOUSING	LCP	UL94V-0 ,BLACK
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

16	ZC00397	A.K	2026/01/05	T.M	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R4R1	CUSTOMER COPY		
15	Z241678	A.K	2024/11/29	H.I	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
14	Z241438	T.T	2024/10/17	H.I	GENERAL TOLERANCE.				TITLE CABLIN®-UX II PLUG FOR CABLE ASSEMBLY	SCALE 10:1			
13	Z240044	RYO	2024/01/12	H.I	DWG.	DATE							
12	Z200314	A.K	2020/03/26	Y.S	M.Takemoto 2010/07/08								
11	Z190765	A.K	2019/06/07	H.I	CHK.	—							
REV.	ECN	BY	DATE	APP.	APP.					DWG. No.	20531	SIZE	SHEET
REVISION RECORD					E.Kawabe						A3	1/4	16

ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 44 ,46 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 6 CONTACTS) 0.15A AC/DC [AWG#44] 0.10A AC/DC [AWG#46] ※TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION
OPERATING TEMPERATURE	233~358K(-40℃~+85℃)
OPERATING HUMIDITY	75% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 450mohm MAX.(AWG#39) 1080mohm MAX.(AWG#44) 1880mohm MAX.(AWG#46) AFTER TEST : $\triangleleft$ 40mohm MAX.
GROUND SHELL RESISTANCE	INITIAL : 100mohm MAX. / AFTER TEST : $\triangleleft$ 40mohm MAX.
INSULATION RESISTANCE	INITIAL : 100Mohm MIN. / AFTER TEST : 100Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC100V 1min
DURABILITY	20 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	30P : 26.4N MAX. 34P : 27.6N MAX. 40P : 29.4N MAX. 50P : 32.4N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	30P : 1.5N MIN. 34P : 1.9N MIN. 40P : 2.5N MIN. 50P : 3.5N MIN.
CABLE RETENTION FORCE	30P : 15.0N MIN. 34P : 17.0N MIN. 40P : 20.0N MIN. 50P : 25.0N MIN.
PRODUCT SPECIFICATION	PRS-2887
TEST REPORT	TR-24028
INSTRUCTION MANUAL	HIM-10001
ASSEMBLY MANUAL	ASM-10001
APPEARANCE CRITERIA No.	QLS-A***

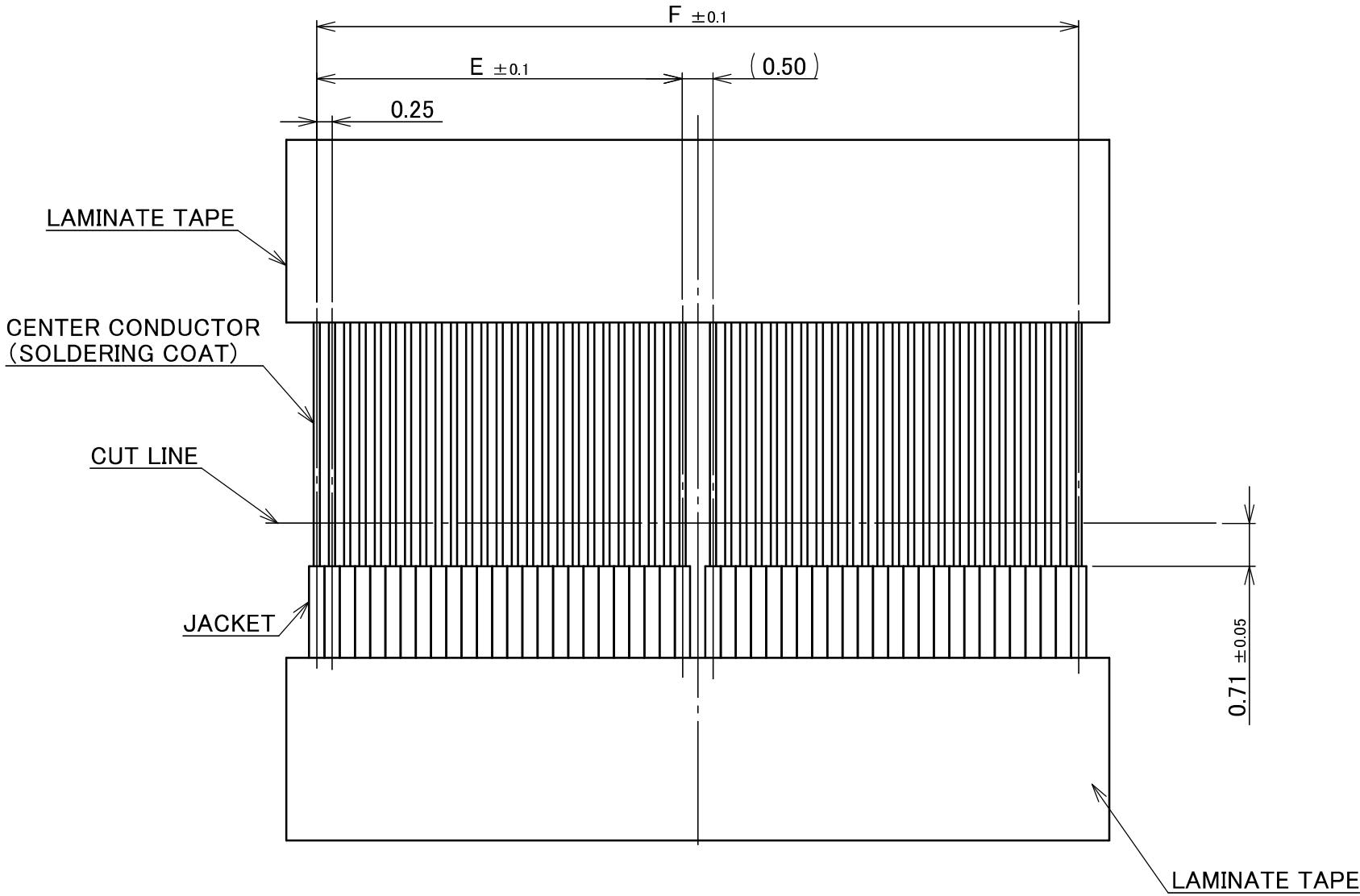
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R4R1	CUSTOMER COPY				
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5							
GENERAL TOLERANCE.				TITLE CABLINE®-UX II PLUG FOR CABLE ASSEMBLY		SCALE				
DWG.	DATE					5:1				
CHK.						UNIT				
APP.						mm				
				DWG. No.		SIZE	SHEET	REV.		
				20531		A3	2/4	16		

PART No.	E	F	G
20531-030T-02-1	3.5	7.5	8.5
20531-034T-02-1	4.0	8.5	9.5
20531-040T-02-1	4.75	10.0	11.0
20531-050T-02-1	6.0	12.5	13.5



ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R4R1	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UX II PLUG FOR CABLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					10:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20531		SIZE	SHEET	REV.
						A3	3/4	16

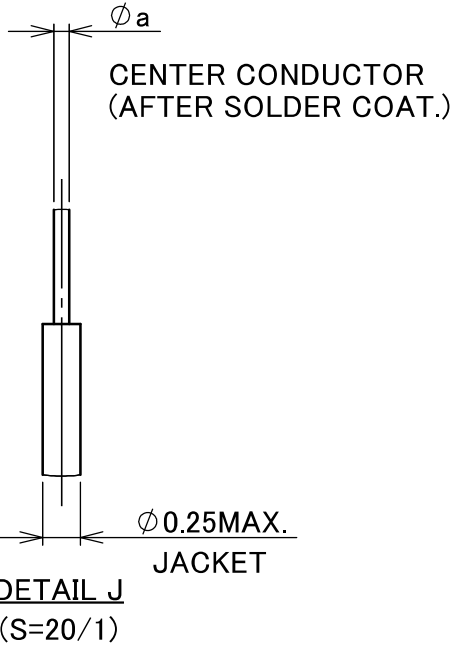
PART No.	E	F
20531-030T-02-1	3.5	7.5
20531-034T-02-1	4.0	8.5
20531-040T-02-1	4.75	10.0
20531-050T-02-1	6.0	12.5



RECOMMENDED DISCRETE WIRE DIM.
(S=10/1)

DISCRETE WIRE DIMENSION

	a
#39	$\phi 0.102$



DETAIL J
(S=20/1)

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R4R1	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UX II PLUG FOR CABLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					10:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20531		SIZE	SHEET	REV.
						A3	4/4	16