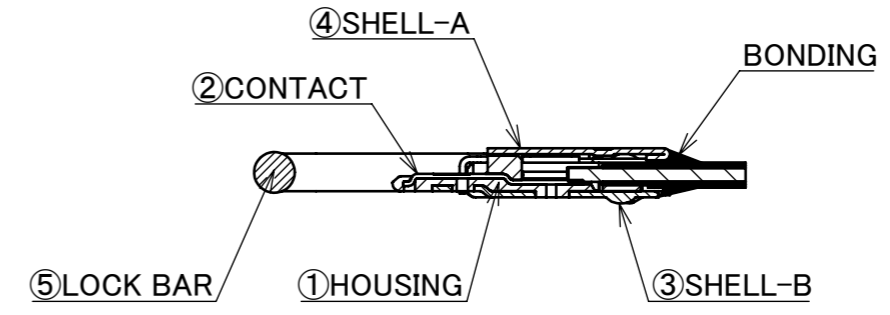
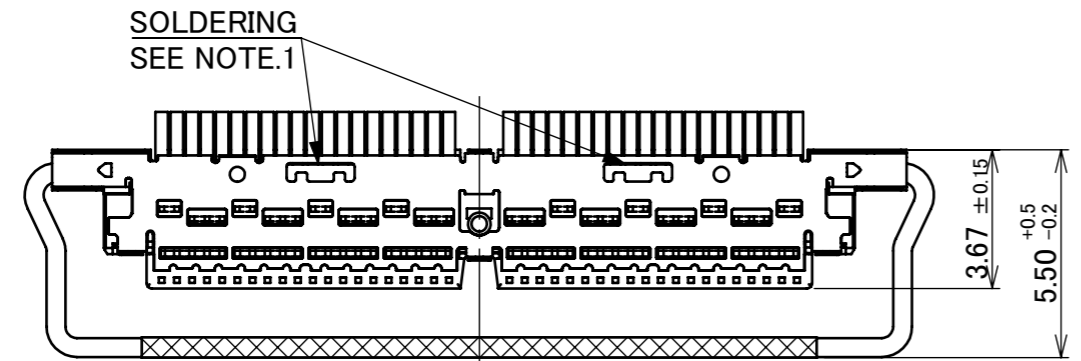
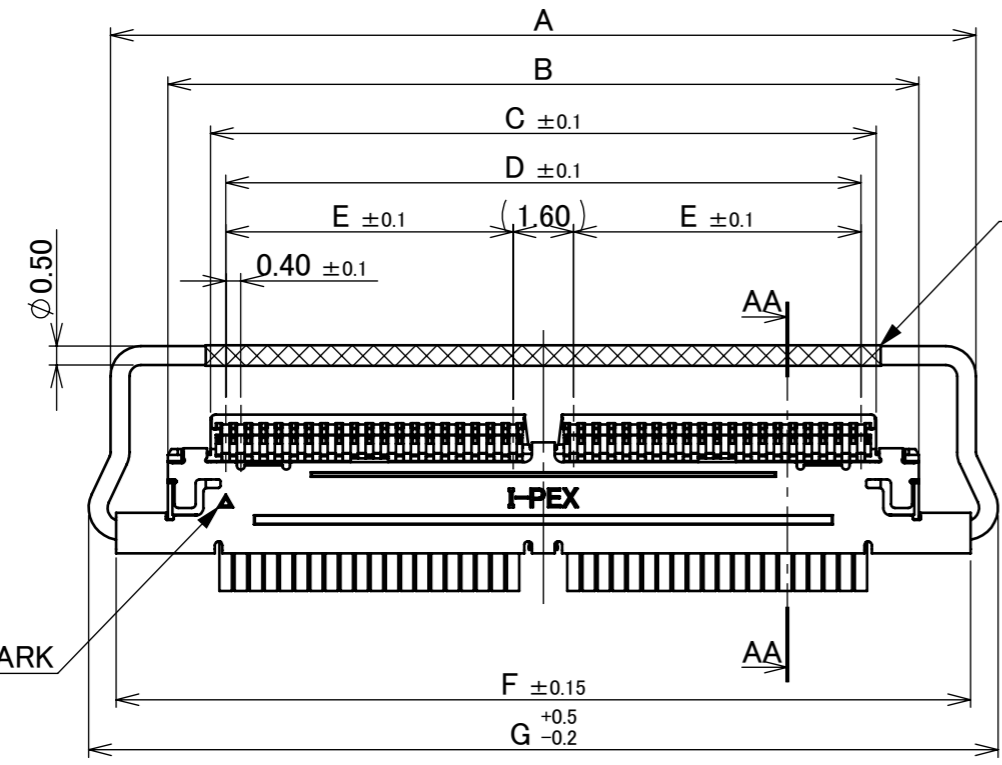
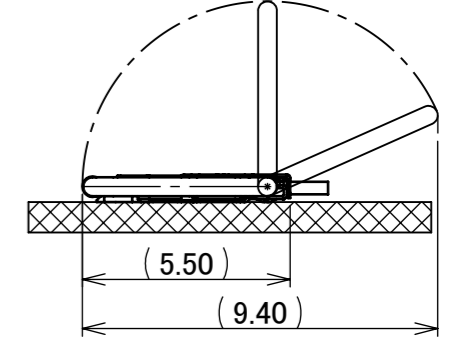
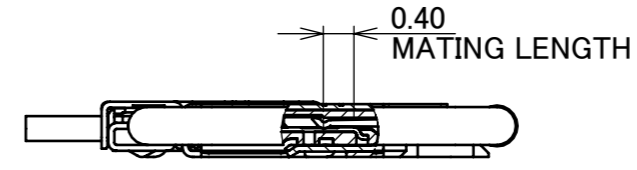
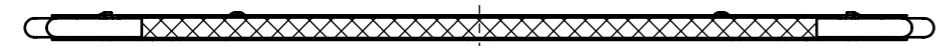


Recommended P/N 20728-0**T-01

PART NO.	Pos.	A	B	C	D	E	F	G
20728-030T-01	30	18.89	15.86	13.60	12.80	5.60	18.60	20.05
20728-040T-01	40	22.89	19.86	17.60	16.80	7.60	22.60	24.05



SECT. AA-AA (S=10/1)



INSULATION COAT

MATING CONDITION

LOCK BAR MOVEMENTS

DATUM MARK

1.00 MIN. LENGTH OF STRAIGHT SECTION

3.00 MIN.

0.65 ±0.1

RECOMMENED CABLE BENDING DIMENSIONS

SOLDERING

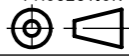



NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
5	LOCK BAR	SUS	-
4	SHELL-A	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
3	SHELL-B	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.0 μ m MIN. CONTACT & SOLDERING AREA : Au 0.03 μ m MIN.
1	HOUSING	LCP	UL94V-0,BLACK, RED PHOSPHORUS FREE

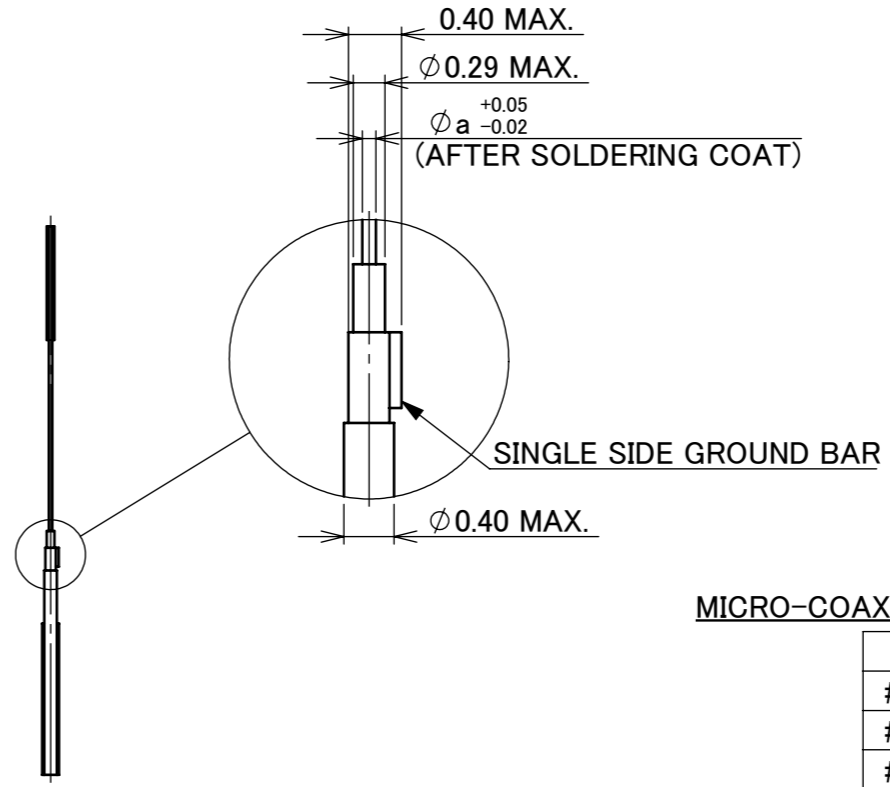
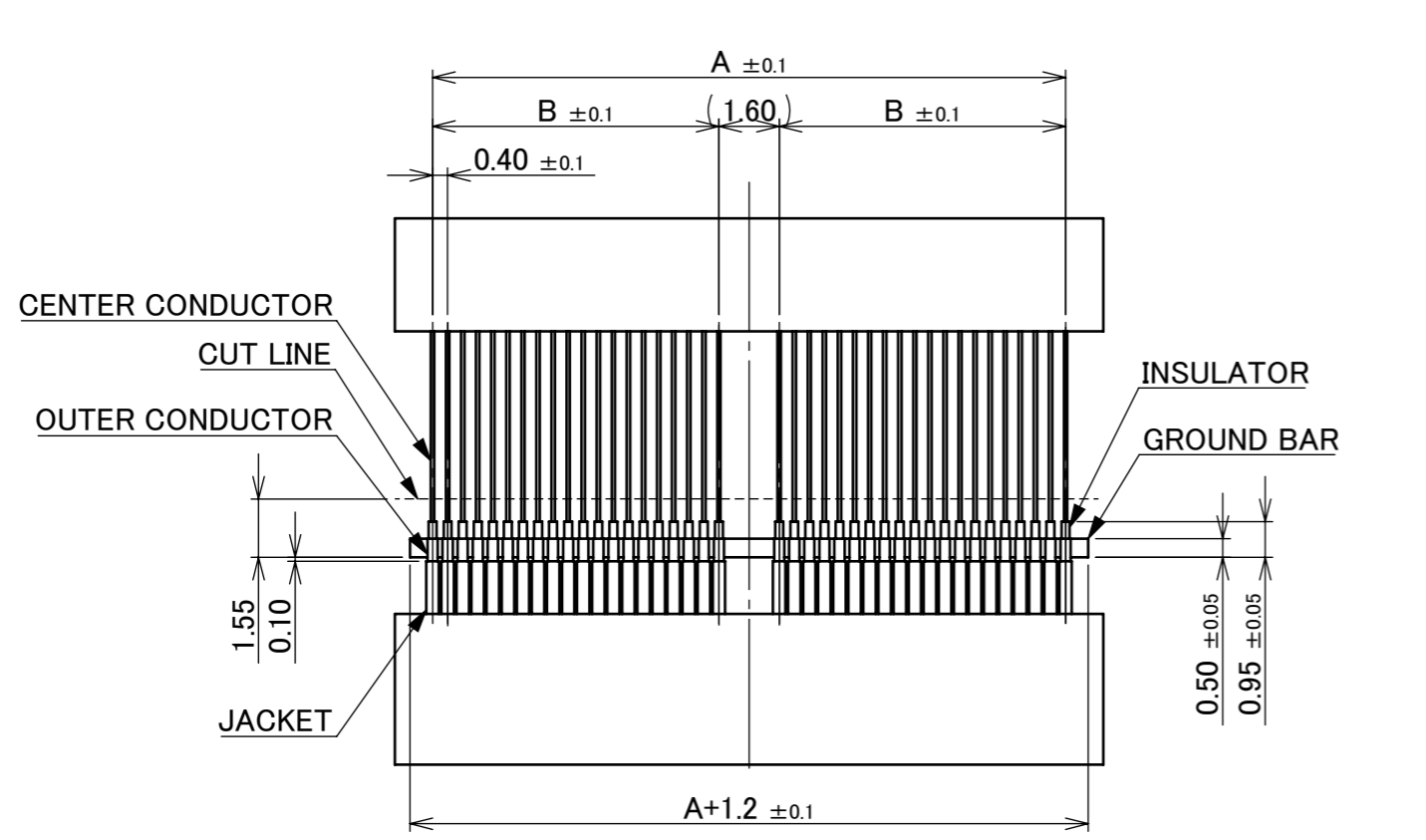
NOTES.
1. SOLDERING IS ONLY A CASE WITH GND-BAR.

REV.	ECN	BY	DATE	APP.	APP.	PROJECTION	SERIES No.	TITLE	SCALE	SHEET	REV.
6	Z240069	T.Ono	2024/01/17	T.M	ANGLE ±2°	6 OVER 30 MAX. ±0.3	R3R2R1	CABLINC® -CAL PLUG FOR CABLE ASSEMBLY	5:1	A3	6
5	Z240026	R.H	2024/01/10	H.I	6 MAX. ±0.2	30 OVER 120 MAX. ±0.5	CUSTOMER COPY		UNIT		
4	Z201253	S.Y	2020/12/07	Y.S	GENERAL TOLERANCE.				mm		
3	Z190934	S.Y	2019/07/15	H.I	DWG. M.Ishimaru	DATE 2017/04/12					
2	Z181287	M.I	2018/08/01	H.I	CHK.						
1	Z180190	M.I	2018/02/14	H.I	APP.						
REVISION RECORD					H.Ikari	DWG. No. 20728		SIZE	1/3		

ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 38,40,42,44 DISCRETE WIRE : AWG# 34,36
RATING VOLTAGE	100V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR CONTACT)	0.15A AC/DC [AWG#44] PER CONTACT PIN/UP TO 40 CONTACTS 0.24A AC/DC [AWG#42] PER CONTACT PIN/UP TO 40 CONTACTS 0.30A AC/DC [AWG#40] PER CONTACT PIN/UP TO 32 CONTACTS 0.50A AC/DC [AWG#38] PER CONTACT PIN, FOR POWER/UP TO 14 CONTACTS 0.80A AC/DC [AWG#36] PER CONTACT PIN, FOR POWER/UP TO 5 CONTACTS 1.00A AC/DC [AWG#34] PER CONTACT PIN, FOR POWER/UP TO 4 CONTACTS ※ TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
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 TEST)	30P : 12.0N MAX. 40P : 16.0N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	30P : 1.80N MIN. 40P : 2.40N MIN.
CABLE RETENTION FORCE	30P : 11.8N MIN. 40P : 12.4N MIN
PRODUCT SPECIFICATION	PRS-2371
TEST REPORT	TR-17036
INSTRUCTION MANUAL	HIM-17010
ASSEMBLY MANUAL	ASM-17003
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R3R2R1	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -CAL PLUG FOR CABLE ASSEMBLY	SCALE 	I-PEX		
DWG.	DATE							
CHK.								
APP.								
DWG. No.	20728			SIZE A3	SHEET 2/3	REV. 6		

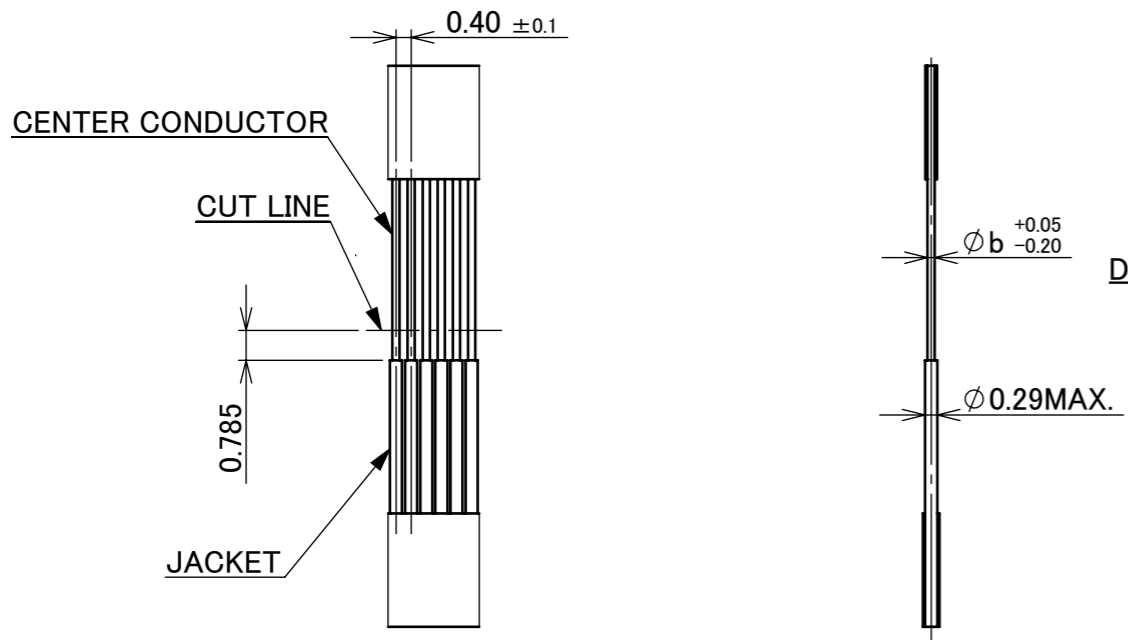
PART NO.	Pos.	A	B
20728-030T-0#	30	12.80	5.60
20728-040T-0#	40	16.80	7.60



MICRO-COAXIAL CABLE DIMENSION

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

RECOMMENDED MICRO-COAXIAL CABLE DIMENSION



DISCRETE WIRE DIMENSION

	b
#34	0.192
#36	0.15

RECOMMENDED DISCRETE WIRE DIMENSION

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5	R3R2R1			
GENERAL TOLERANCE.				TITLE		SCALE	I-PEX	
DWG.	DATE			CABLINER [®] -CAL		5:1		
CHK.				PLUG FOR CABLE ASSEMBLY		UNIT		
APP.				DWG. No.		SIZE	SHEET	REV.
				20728		A3	3/3	6