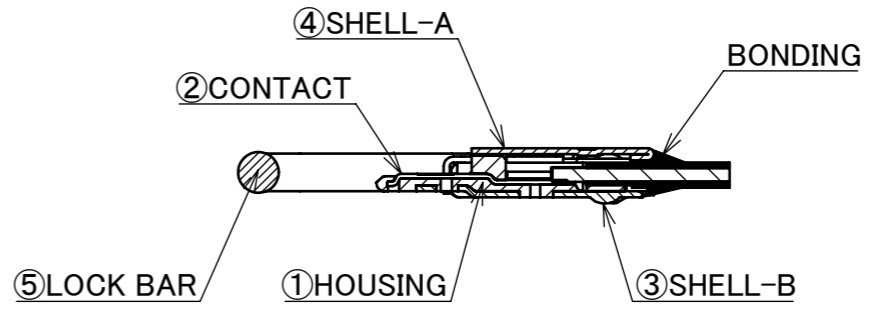
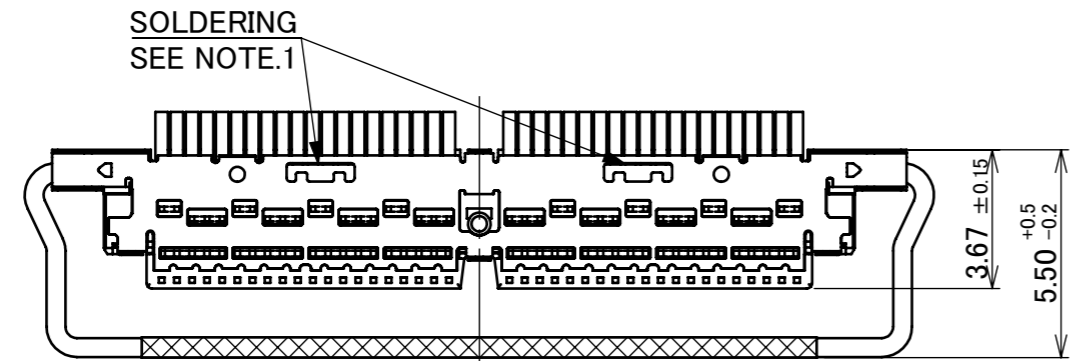
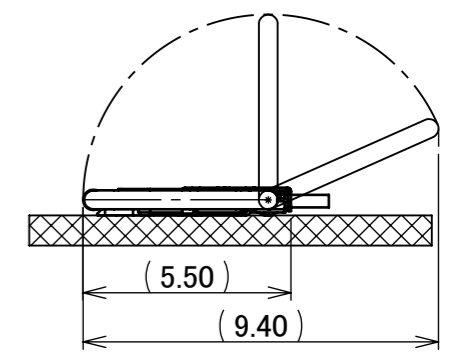
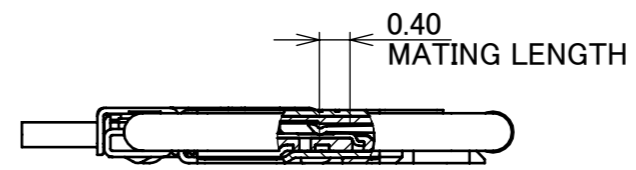
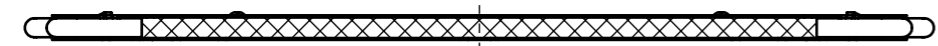


Recommended P/N 20728-0**T-01

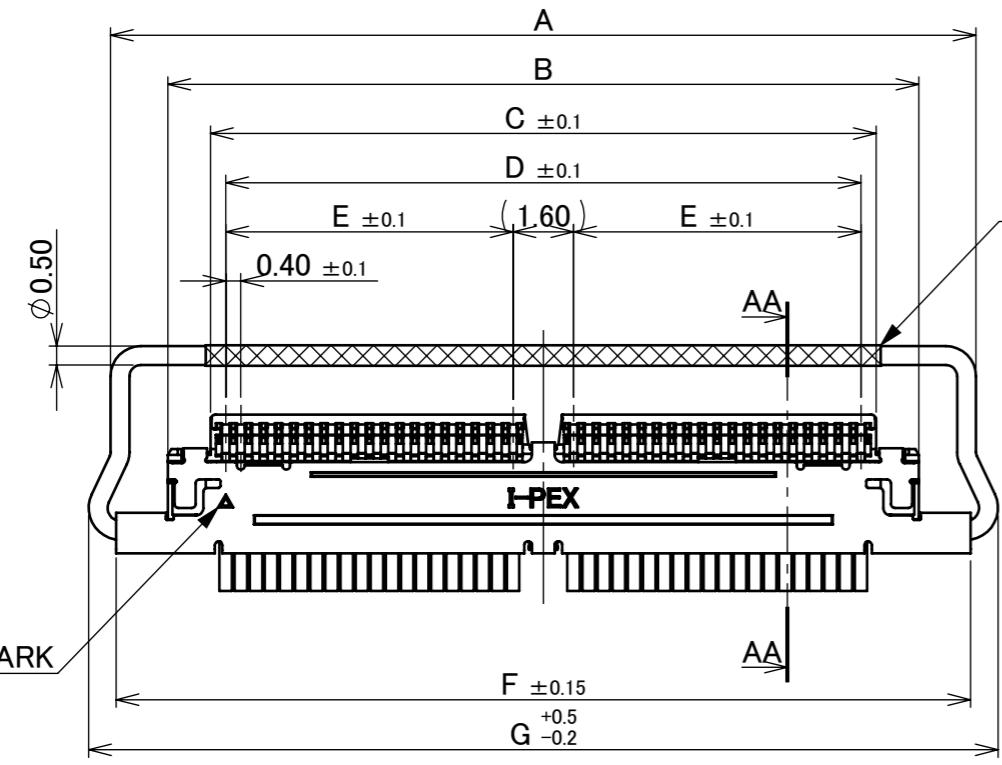
PART NO.	Pos.	A	B	C	D	E	F	G
20728-030T-01	30	18.89	15.86	13.60	12.80	5.60	18.60	20.05
20728-040T-01	40	22.89	19.86	17.60	16.80	7.60	22.60	24.05



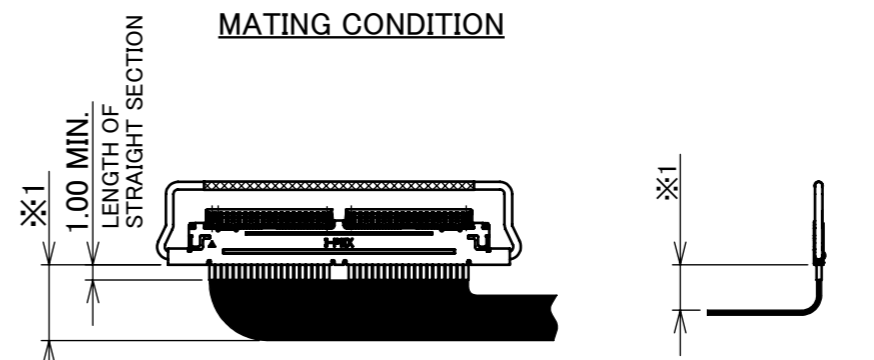
SECT. AA-AA
(S=10/1)



LOCK BAR MOVEMENTS



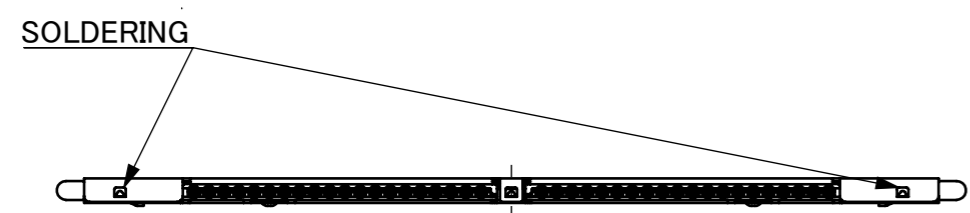
INSULATION COAT



REFERENCE CABLE BENDING DIMENSIONS

※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.

DATUM MARK



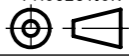

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
5	LOCK BAR	SUS	-
4	SHELL-A	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
3	SHELL-B	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE	ALL OVER Ni 1.0 μ m MIN. CONTACT & SOLDERING AREA : Au 0.03 μ m MIN.
1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

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

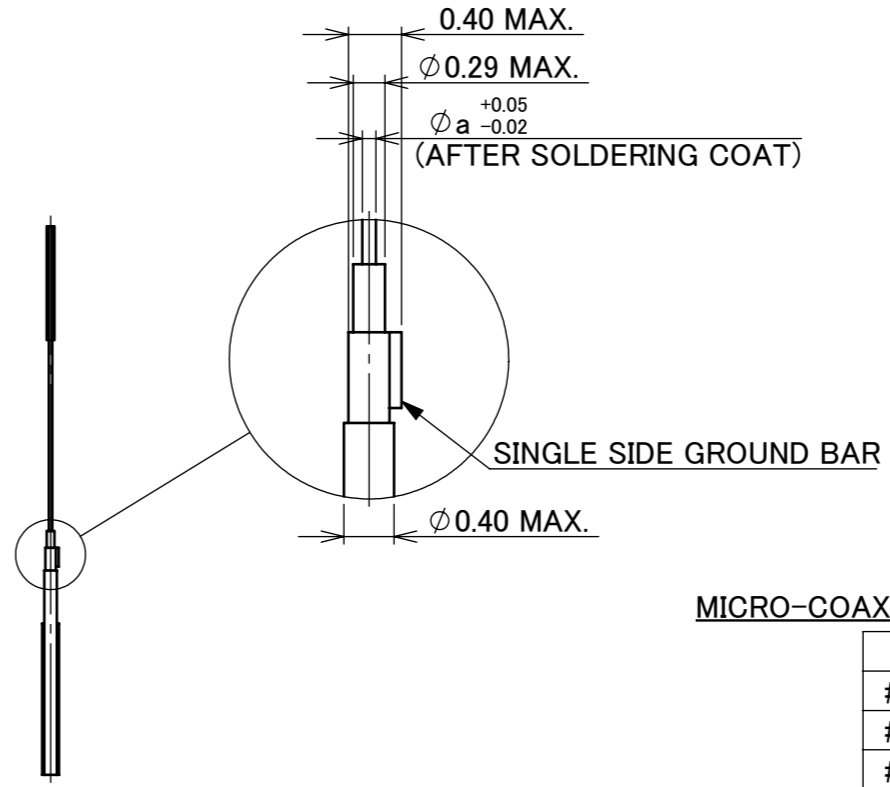
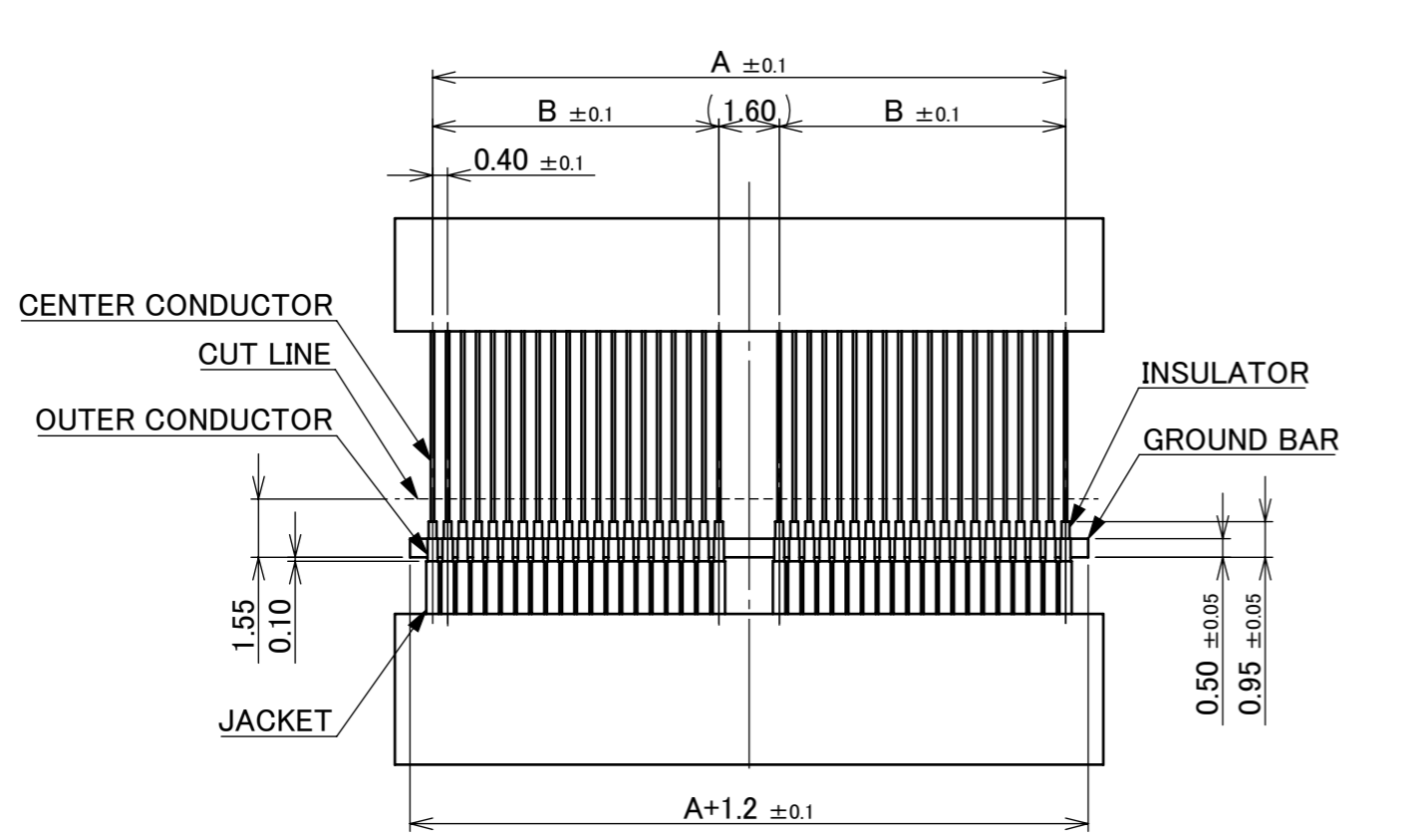
REV.	ECN	BY	DATE	APP.	APP.	PROJECTION	SERIES No.	TITLE	SCALE	SHEET	REV.
7	Z241455	T.T	2024/10/17	H.I	ANGLE ±2°	6 OVER 30 MAX. ±0.3	R3R2R1	CABLINER [®] -CAL PLUG FOR CABLE ASSEMBLY	5:1	I-PEX	7
6	Z240069	T.Ono	2024/01/17	T.M	6 MAX. ±0.2	30 OVER 120 MAX. ±0.5	R3R2R1		UNIT		
5	Z240026	R.H	2024/01/10	H.I	GENERAL TOLERANCE.				mm		
4	Z201253	S.Y	2020/12/07	Y.S	DWG. M.Ishimaru	DATE 2017/04/12			SIZE		
3	Z190934	S.Y	2019/07/15	H.I	CHK.	-			A3		
2	Z181287	M.I	2018/08/01	H.I	APP.	-			1/3		
REV.	ECN	BY	DATE	APP.	APP.	DWG. No.	20728				

REVISION RECORD H.Ikari

ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 38,40,42,44 DISCRETE WIRE : AWG# 34,36
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)	0.15A 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. 7

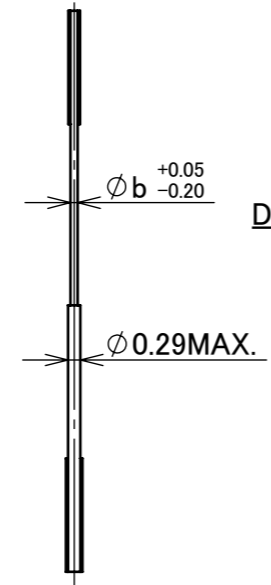
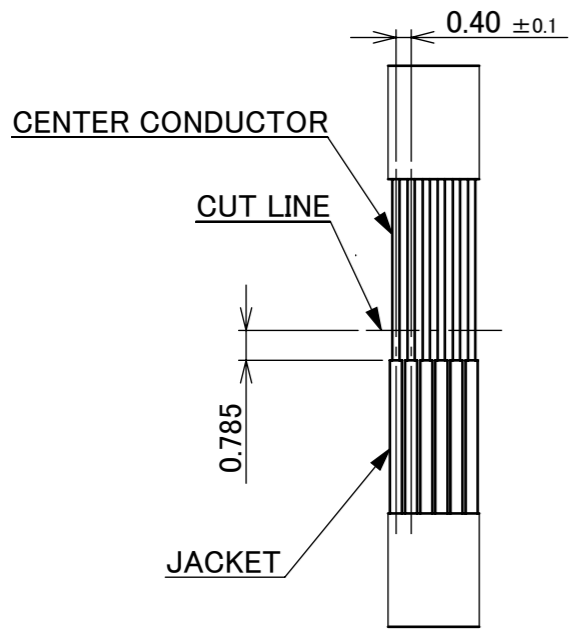
PART NO.	Pos.	A	B
20728-030T-0#	30	12.80	5.60
20728-040T-0#	40	16.80	7.60



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		UNIT			
APP.				FOR CABLE ASSEMBLY		mm			
				DWG. No.	20728	SIZE	SHEET	REV.	
						A3	3/3	7	