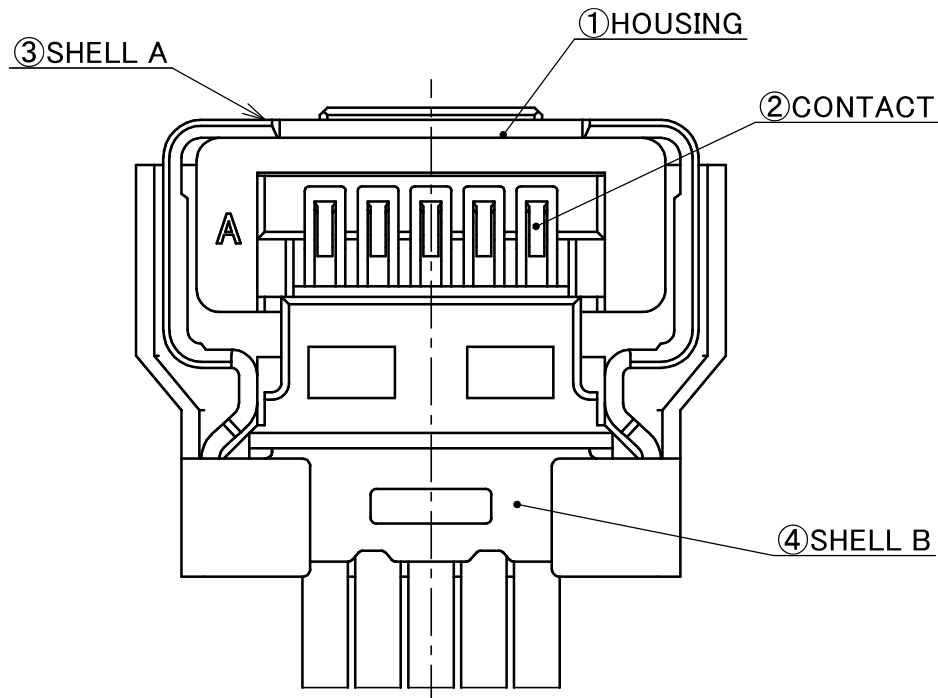
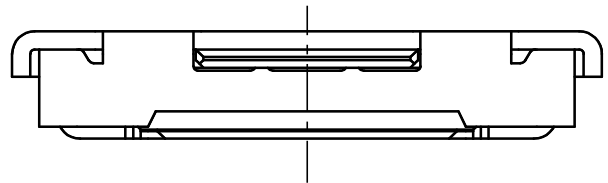
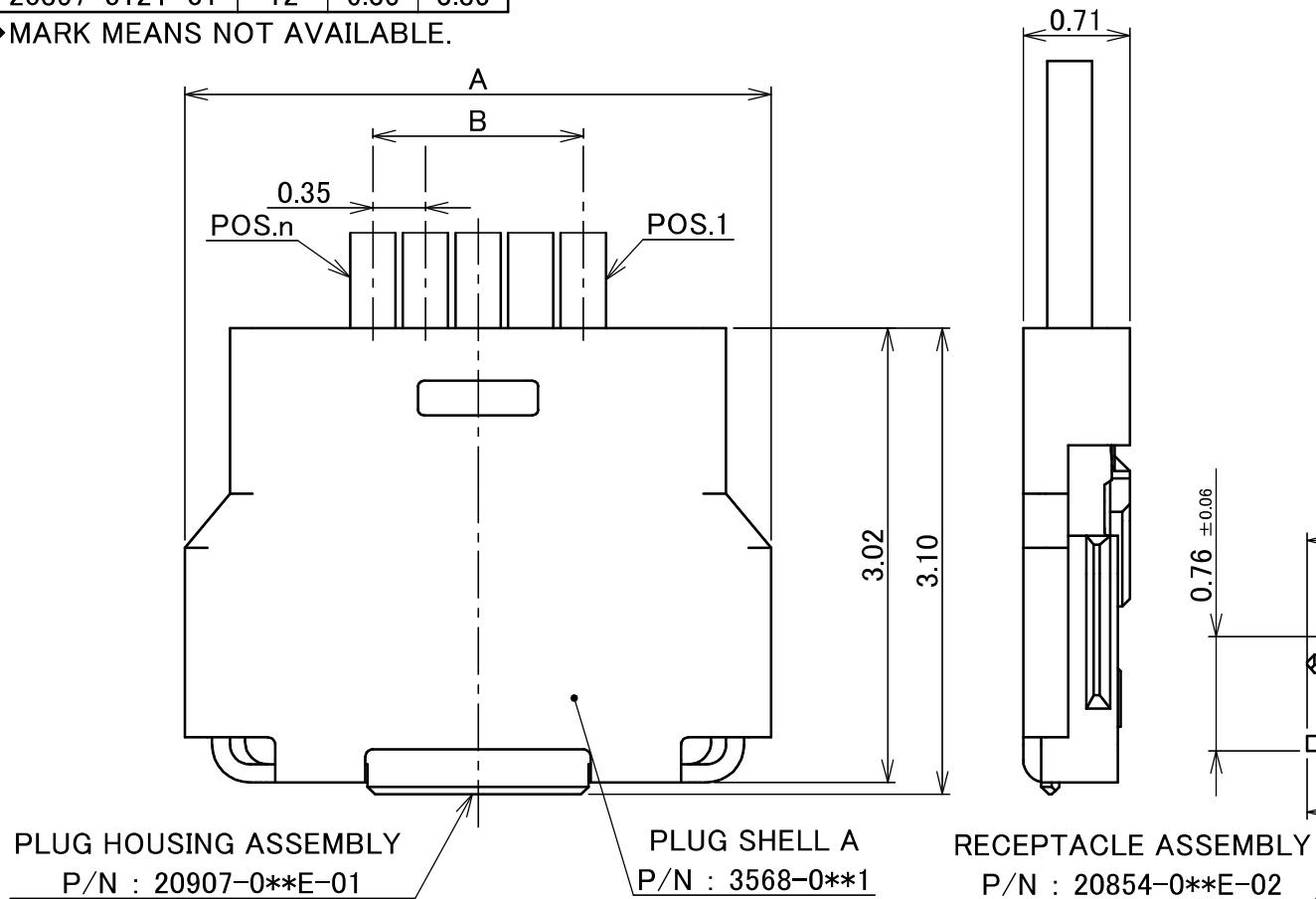
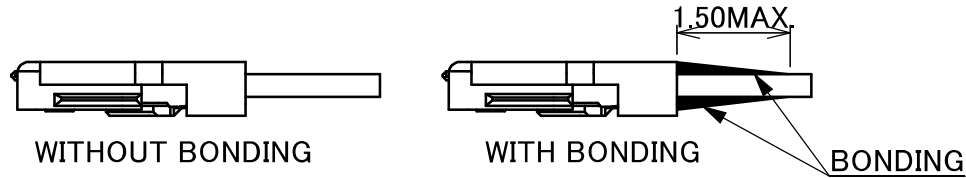


PART NO.	Pos.	A	B
20857-005T-01	5	3.90	1.40
20857-010T-01	10	5.65	3.15
◆20857-012T-01	12	6.35	3.85

◆MARK MEANS NOT AVAILABLE.



PART COMBINATION TABLE			
PLUG CABLE ASSEMBLY	PLUG HOUSING ASSEMBLY	PLUG SHELL A	RECEPTACLE ASSEMBLY
20857-005T-01	20907-005E-01	3568-0051	20854-005E-02
20857-010T-01	20907-010E-01	3568-0101	20854-010E-02
20857-012T-01	20907-012E-01	3568-0121	20854-012E-02

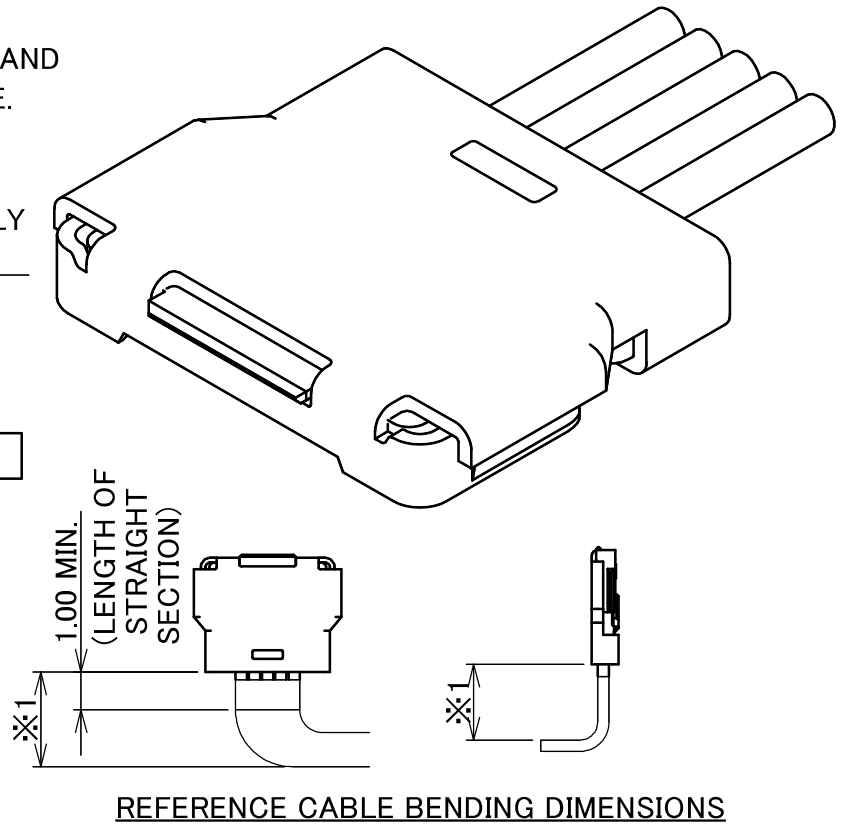
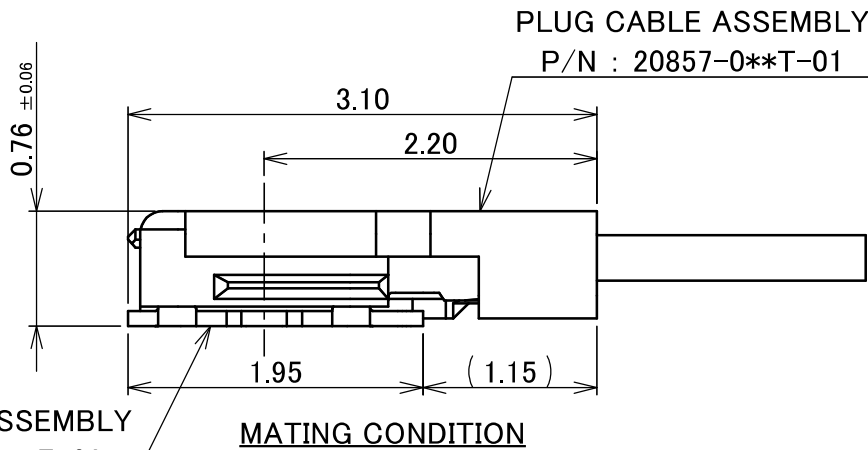


Halogen Free



RoHS Compliant

ASSEMBLY STATE (S=10/1)
※WE RECOMMEND BONDING THE CABLE AND
CONNECTOR TO PROTECT THE CABLE.

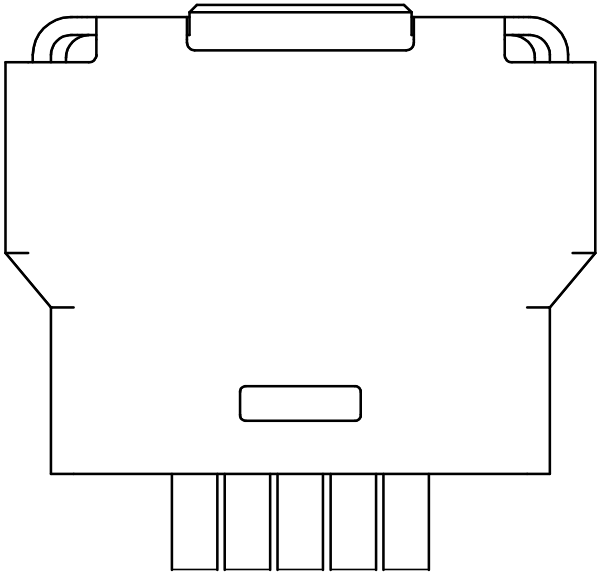


※1 : THE BEND DIMENSIONS MAY VARY BASED ON THE SIZE AND QUANTITY OF CABLES.
PLEASE CONFIRM THE MINIMUM BENDING RADIUS WITH I-PEX OR THE HARNESS MANUFACTURER.

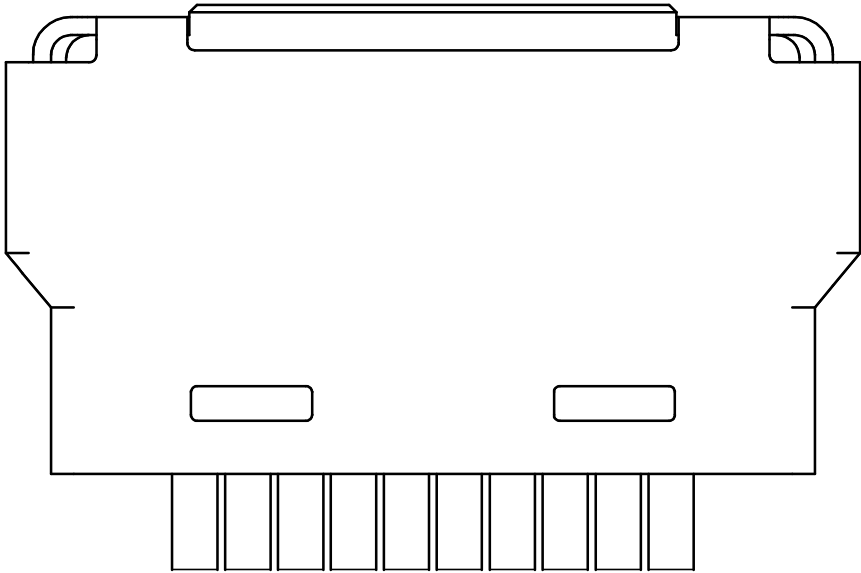
4	SHELL B			SUS			Au 0.02 μ m MIN. OVER Ni 1.00 μ m MIN.								
3	SHELL A			PHOSPHOR BRONZE			ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.02 μ m MIN. SOLDERING PART Au 0.02 μ m MIN.								
2	CONTACT			CORSON ALLOY			ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.02 μ m MIN. SOLDERING PART Au 0.02 μ m MIN.								
1	HOUSING			LCP			UL94V-0, BLACK								
NO.		DESCRIPTION			MATERIAL			FINISH , REMARKS							
9	ZC00395	T.Ya	2026/01/05	T.M	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION		SERIES No.		CUSTOMER COPY		
8	ZC00370	RYO	2025/12/23	H.I	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5			R7R3				
7	Z250918	RYO	2025/06/06	H.I	GENERAL TOLERANCE.				TITLE CABLINE®-UY PLUG CABLE ASSEMBLY				SCALE	I-PEX	
6	Z241439	T.T	2024/10/17	H.I	DWG.	DATE		20:1							
5	Z240017	R.H	2024/01/10	H.I	S.Kawamura		2018/12/03								
4	Z220258	K.W	2022/03/09	T.Y	CHK.	K.Yufu									
REV.	ECN	BY	DATE	APP.	APP.				DWG. No.				SIZE	SHEET	REV.
REVISION RECORD					K.Yotsutani				20857				A3	1/4	9

PART NO.	Pos.
20857-005T-01	5
20857-010T-01	10
◆20857-012T-01	12

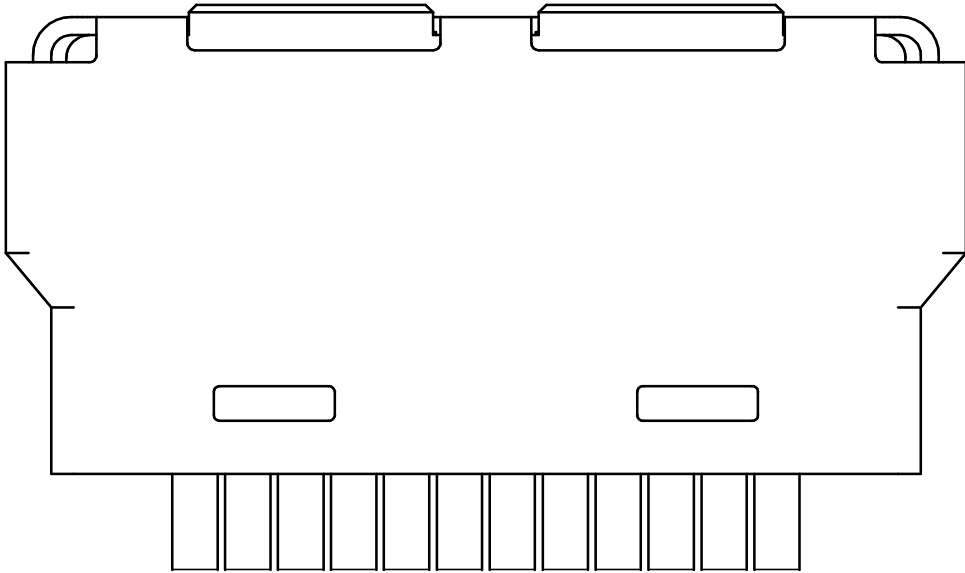
◆MARK MEANS NOT AVAILABLE.



5P



10P



12P

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R7R3	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UY PLUG CABLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					20:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20857		SIZE A3	SHEET 2/4	REV. 9

ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 42 , 40 DISCRETE WIRE : AWG# 36
RATING VOLTAGE	60V 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)	0.35 AC/DC[AWG# 42] PER CONTACT PIN/UP TO 10 CONTACTS 0.38 AC/DC[AWG# 40] PER CONTACT PIN/UP TO 10 CONTACTS 0.5 AC/DC[AWG# 36] PER CONTACT PIN/UP TO 10 CONTACTS
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 700mohm MAX.(AWG# 42) / AFTER TEST : $\triangle$ R 40mohm MAX. 600mohm MAX.(AWG# 40) 275mohm MAX.(AWG# 36)
GROUND SHELL RESISTANCE	INITIAL : 60mohm MAX. / AFTER TEST : $\triangle$ R 40mohm MAX.
INSULATION RESISTANCE	INITIAL : 500Mohm MIN. / AFTER TEST : 100Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC200V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	5P : INITIAL: 30N MAX. / AFTER TEST: 30N MAX. 10P : INITIAL: 30N MAX. / AFTER TEST: 30N MAX. 12P : INITIAL: 30N MAX. / AFTER TEST: 30N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	5P : INITIAL: 5N MIN. / AFTER TEST: 3N MIN. 10P : INITIAL: 5N MIN. / AFTER TEST: 3N MIN. 12P : INITIAL: 5N MIN. / AFTER TEST: 3N MIN.
CABLE RETENTION FORCE	5P : 2.45N MIN. 10P : 4.90N MIN. 12P : 5.88N MIN.
PRODUCT SPECIFICATION	PRS-2634
TEST REPORT	TR-19084
INSTRUCTION MANUAL	HIM-18037
ASSEMBLY MANUAL	ASM-18002
APPEARANCE CRITERIA No.	QLS-A***

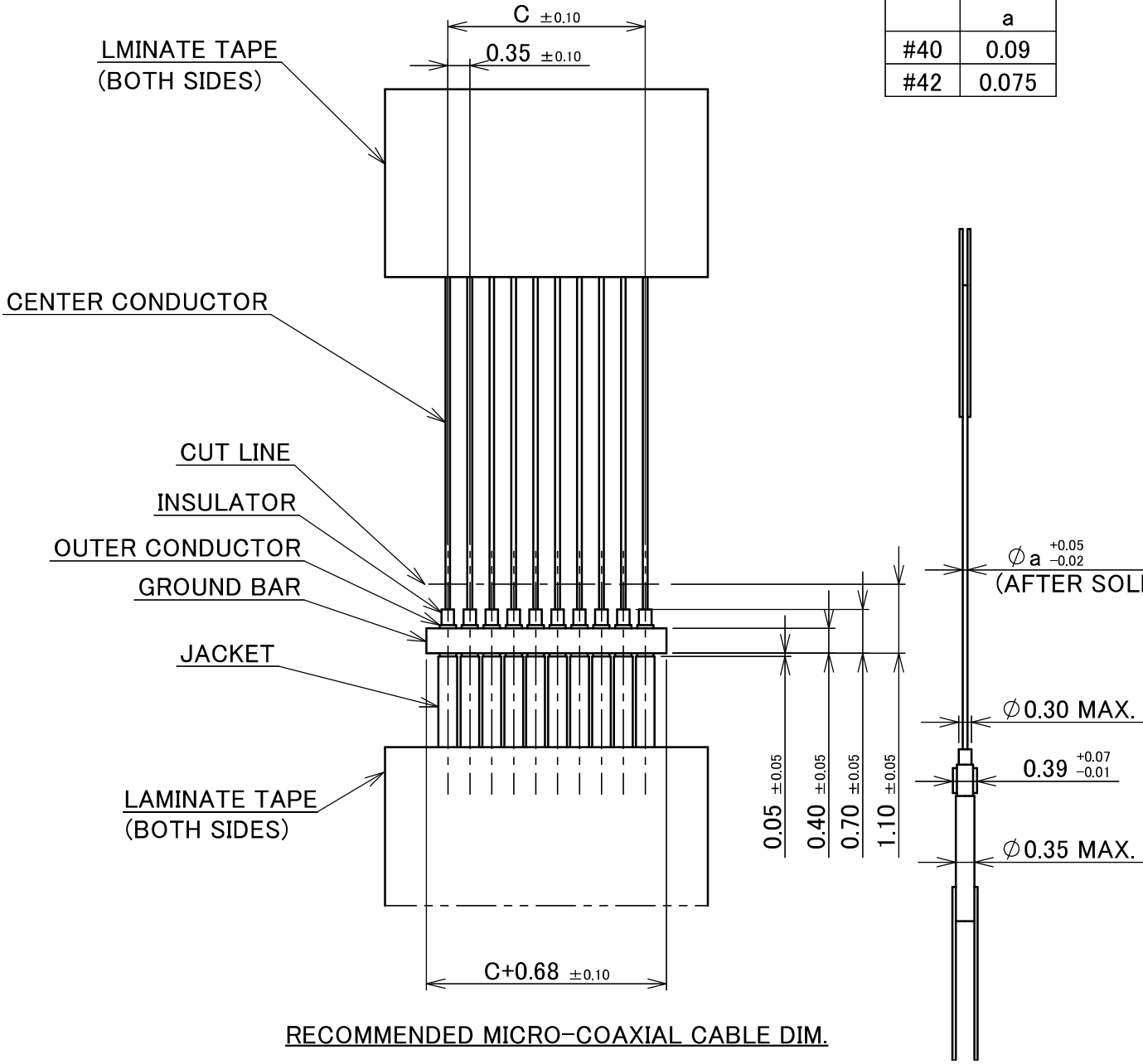
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R7R3	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UY PLUG CABLE ASSEMBLY	SCALE 5:1 UNIT mm	I-PEX		
DWG.	DATE							
CHK.								
APP.								
				DWG. No. 20857	SIZE A3	SHEET 3/4	REV. 9	

PART NO.	Pos.	C
20857-005T-01	5	1.40
20857-010T-01	10	3.15
◆20857-012T-01	12	3.85

◆MARK MEANS NOT AVAILABLE.

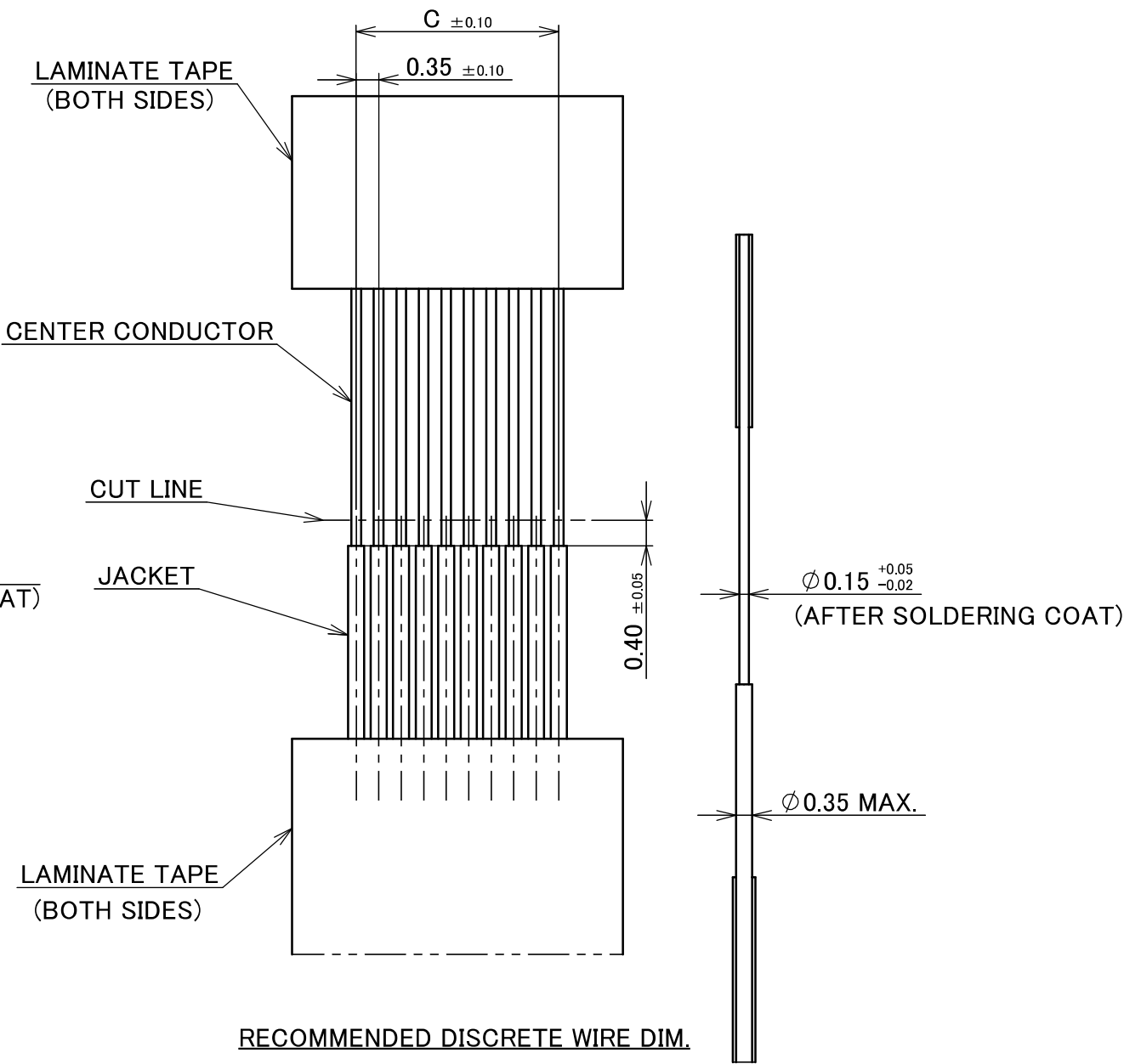
CHARACTERISTIC IMPEDANCE MATCHING MICRO-COAXIAL CABLE

	a
#40	0.09
#42	0.075



RECOMMENDED MICRO-COAXIAL CABLE DIM.

MICRO-COAXIAL CABLE AWG# **



RECOMMENDED DISCRETE WIRE DIM.

DISCRETE WIRE AWG# 36

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No. R7R3	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UY PLUG CABLE ASSEMBLY	SCALE 10:1	I-PEX		
DWG.	DATE							UNIT mm
CHK.								
APP.								SIZE A3