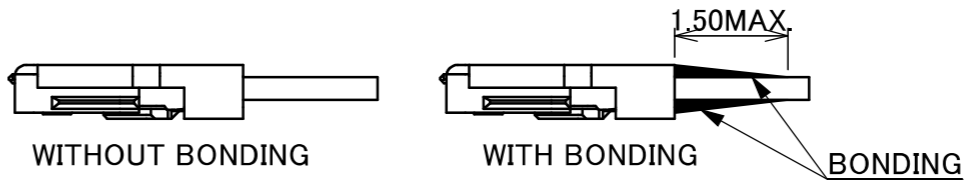
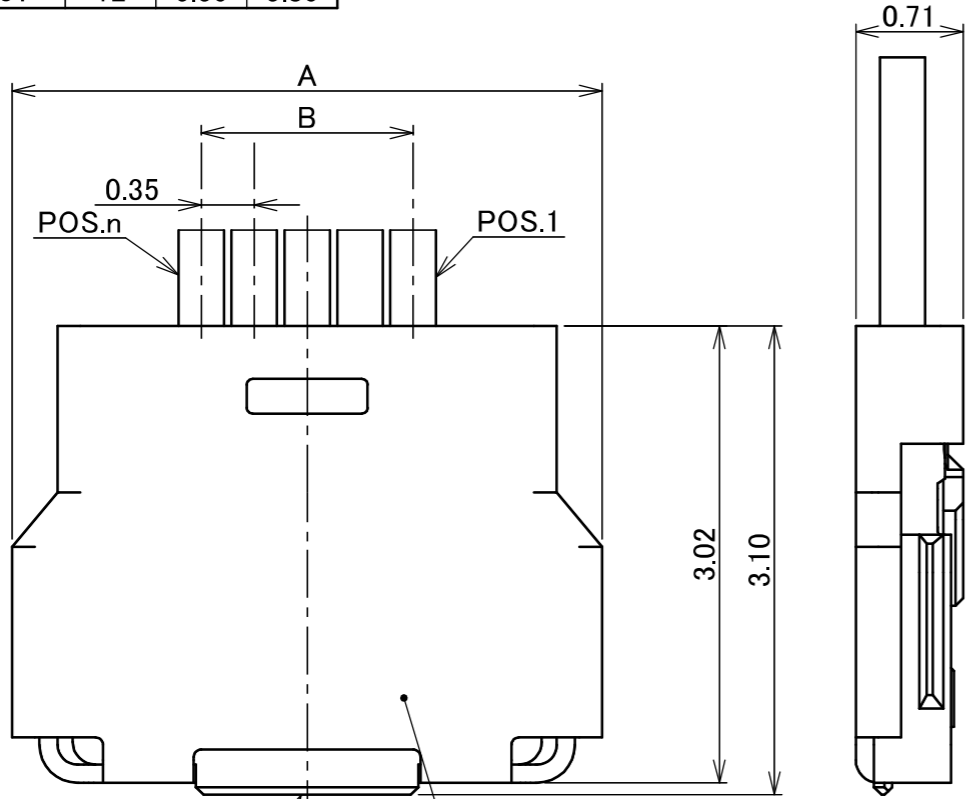


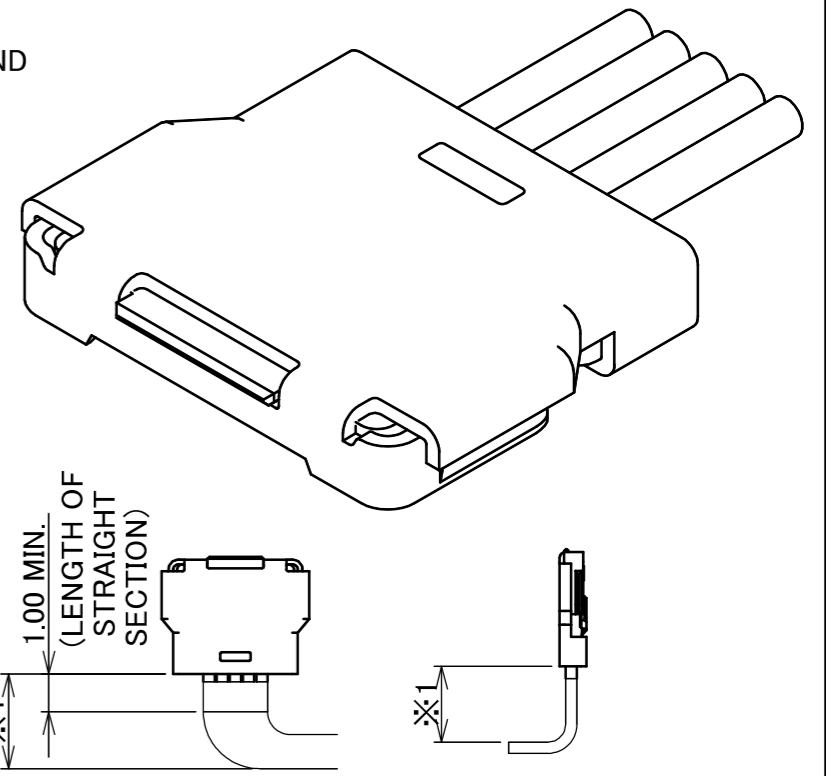
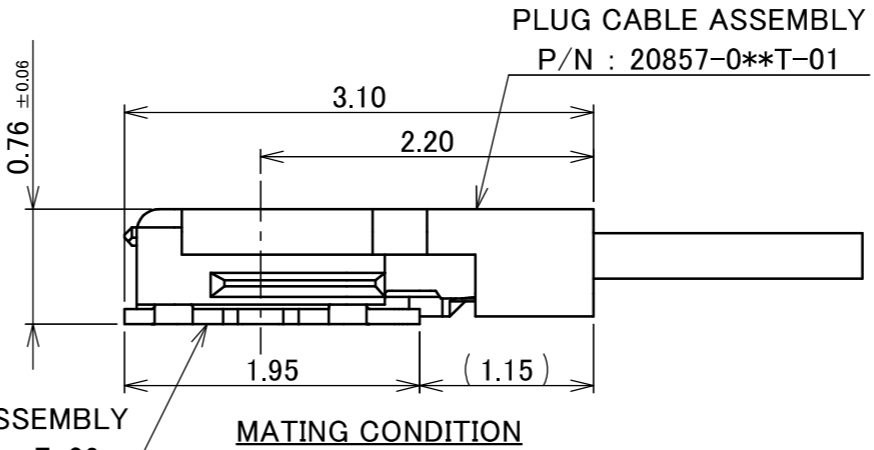
Recommended P/N 20857-0**T-01

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

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



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

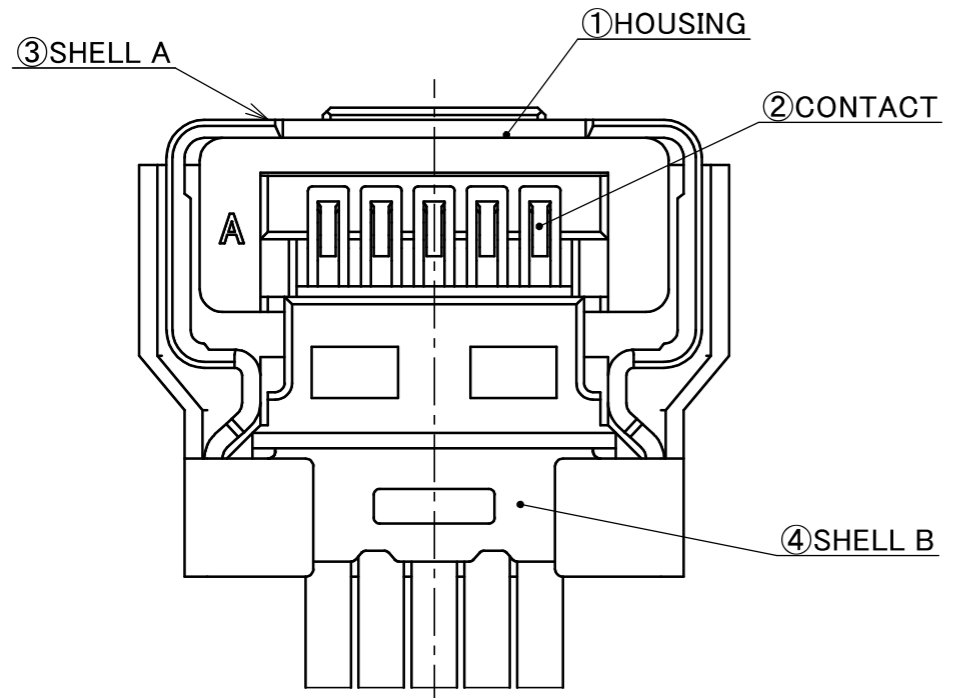


REFERENCE CABLE BENDING DIMENSIONS

※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.

PLUG HOUSING ASSEMBLY P/N : 20907-0**E-01
 PLUG SHELL A P/N : 3568-0**1

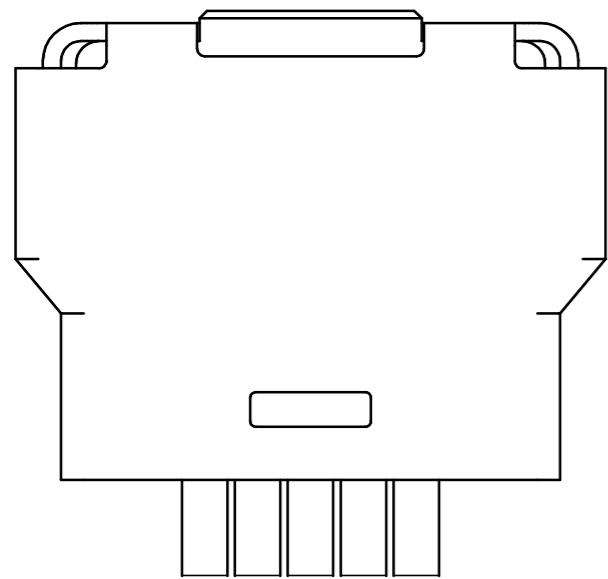
RECEPTACLE ASSEMBLY P/N : 20854-0**E-02



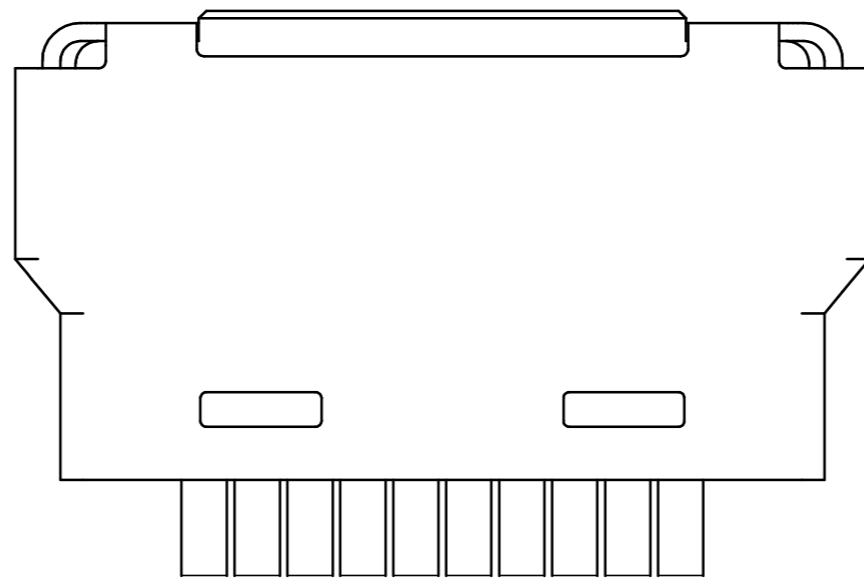
4	SHELL B	SUS	Au 0.02 μ m MIN. OVER Ni 1.00 μ m MIN.
3	SHELL A	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.02 μ m MIN. SOLDERING PART Au 0.02 μ m MIN.
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.02 μ m MIN. SOLDERING PART Au 0.02 μ m MIN.
1	HOUSING	LCP	UL94V-0, BLACK

NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
10	ZC00750 T.Ya 2026/06/10 T.M	ANGLE ±2° 6 OVER 30 MAX. ±0.3	PROJECTION SERIES No. R7R3 CUSTOMER COPY
9	ZC00395 T.Ya 2026/01/05 T.M	6 MAX. ±0.2 30 OVER 120 MAX. ±0.5	
8	ZC00370 RYO 2025/12/23 H.I	GENERAL TOLERANCE.	TITLE CABLINE®-UY PLUG CABLE ASSEMBLY SCALE 20:1 UNIT I-PEX
7	Z250918 RYO 2025/06/06 H.I	DWG. S.Kawamura DATE 2018/12/03	
6	Z241439 T.T 2024/10/17 H.I	CHK. K.Yufu	
5	Z240017 R.H 2024/01/10 H.I	APP. K.Yotsutani	mm
REV.	ECN BY DATE APP.		DWG. No. 20857 SIZE A3 SHEET 1/4 REV. 10

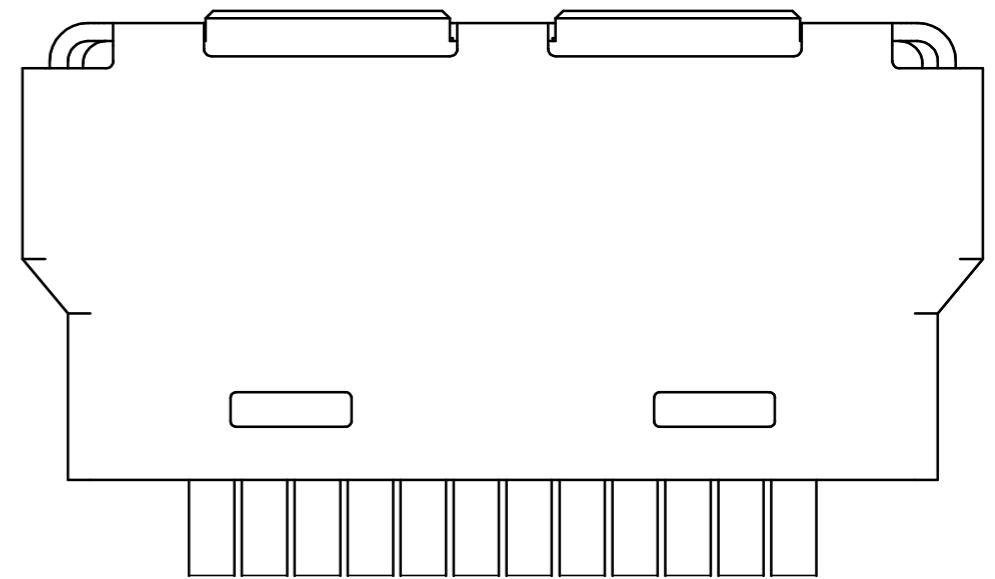
PART NO.	Pos.
20857-005T-01	5
20857-010T-01	10
20857-012T-01	12



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 20:1						
DWG.	DATE								UNIT mm		
CHK.									SIZE A3	SHEET 2/4	REV. 10
APP.									DWG. No. 20857		

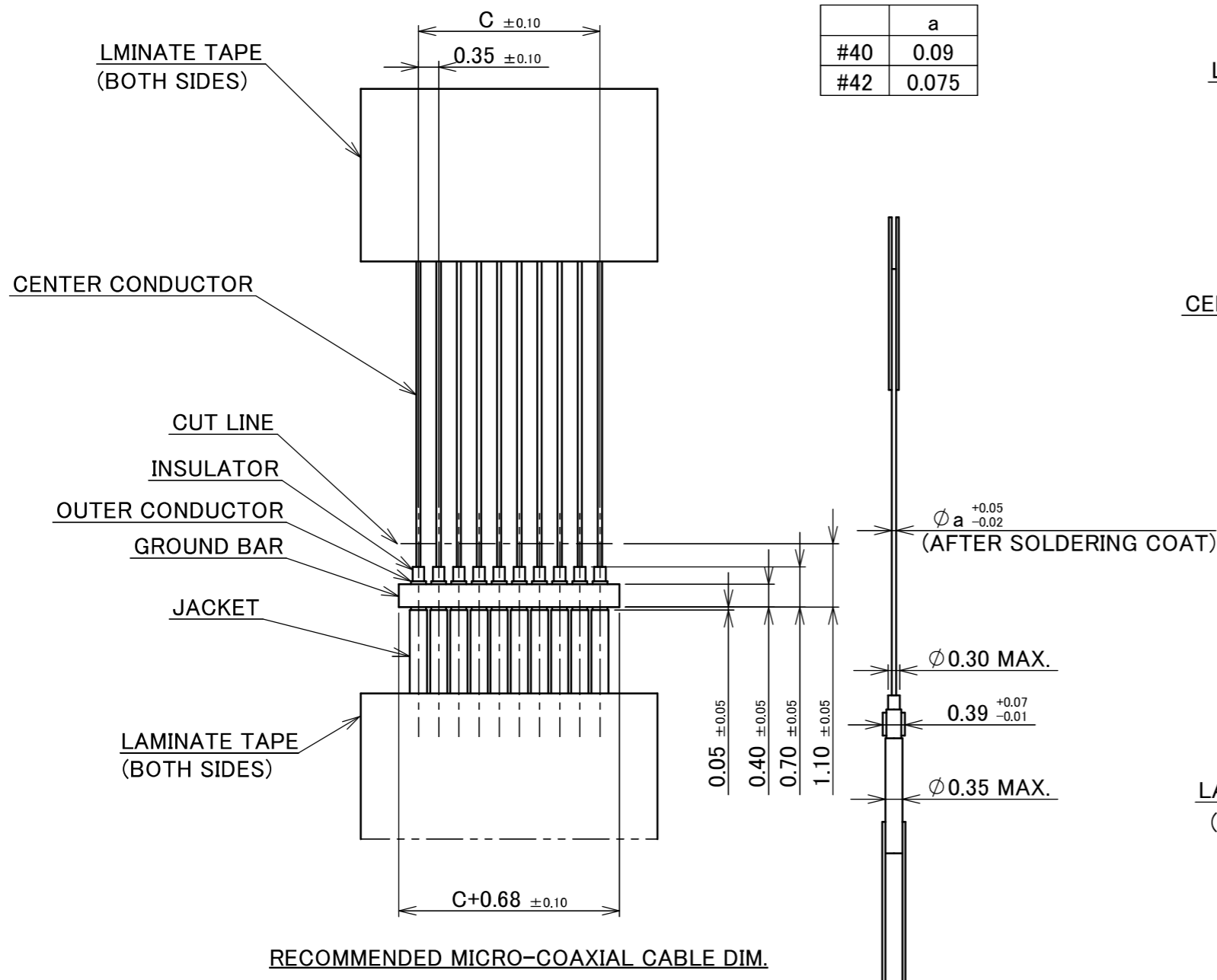
ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 42 , 40 DISCRETE WIRE : AWG# 36
RATING VOLTAGE	60V AC (PER CONTACT PIN) ※THIS IS THE RATED VOLTAGE OF THE CONNECTOR. PLEASE NOTE THAT THE RATED VOLTAGE MAY VARY IN THE HARNESS DEPENDING ON THE CABLES USED.
RATING AMPERAGE (FOR CONTACT)	0.35 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 ※TESTING BY A 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 : 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	$\pm 2^\circ$	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				5:1			
CHK.					UNIT			
APP.					mm			
				DWG. No.	20857	SIZE	SHEET	REV.
					A3	3/4	10	

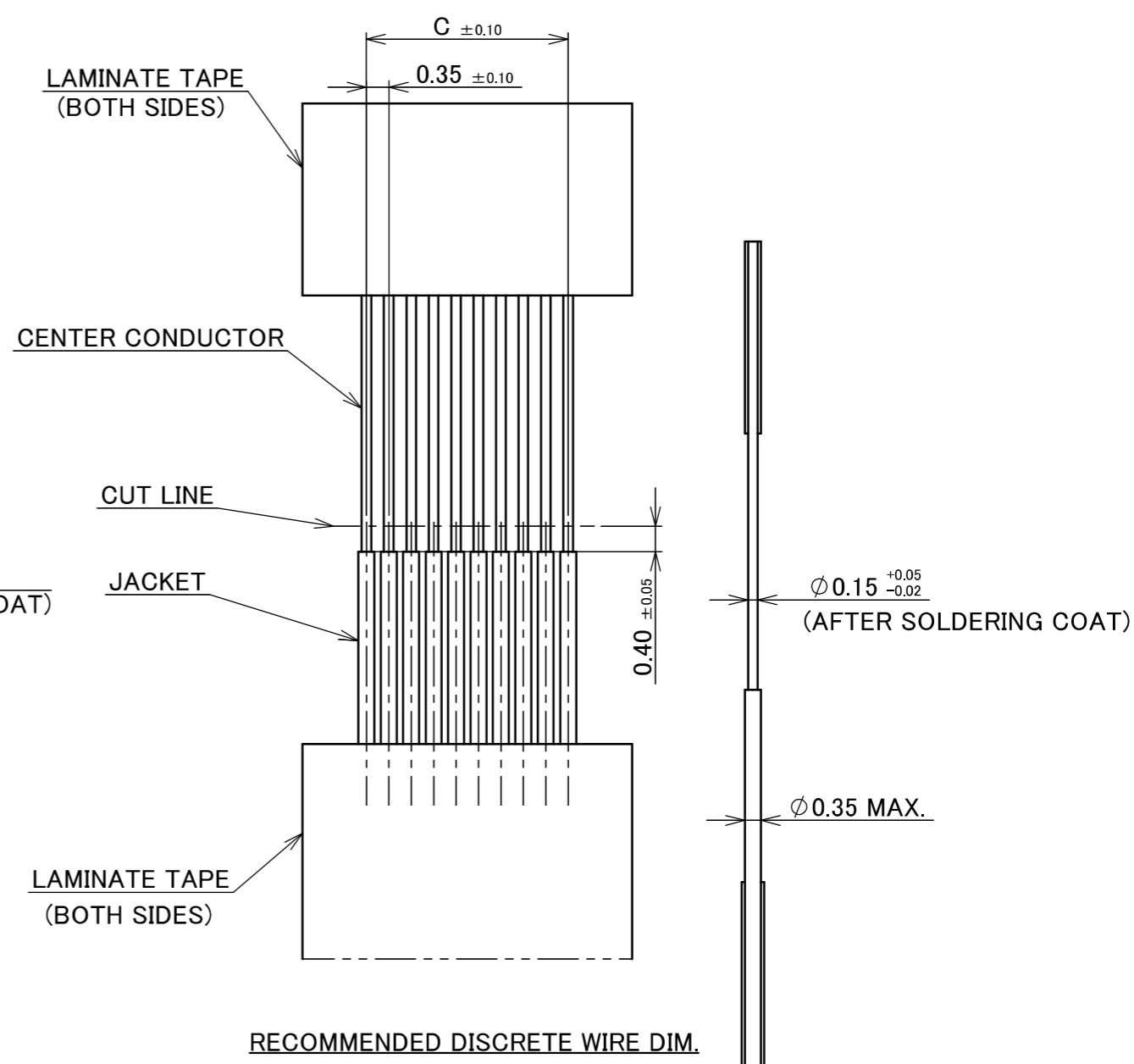
PART NO.	Pos.	C
20857-005T-01	5	1.40
20857-010T-01	10	3.15
20857-012T-01	12	3.85

CHARACTERISTIC IMPEDANCE MATCHING MICRO-COAXIAL CABLE

	a
#40	0.09
#42	0.075



MICRO-COAXIAL CABLE AWG# **



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		SCALE	I-PEX		
DWG.	DATE			CABLIN [®] -UY PLUG CABLE ASSEMBLY		10:1			
CHK.						UNIT			
APP.				DWG. No. 20857		mm			
						SIZE	SHEET	REV.	
						A3	4/4	10	