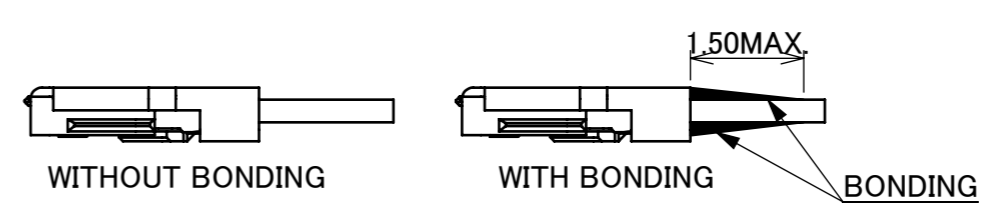
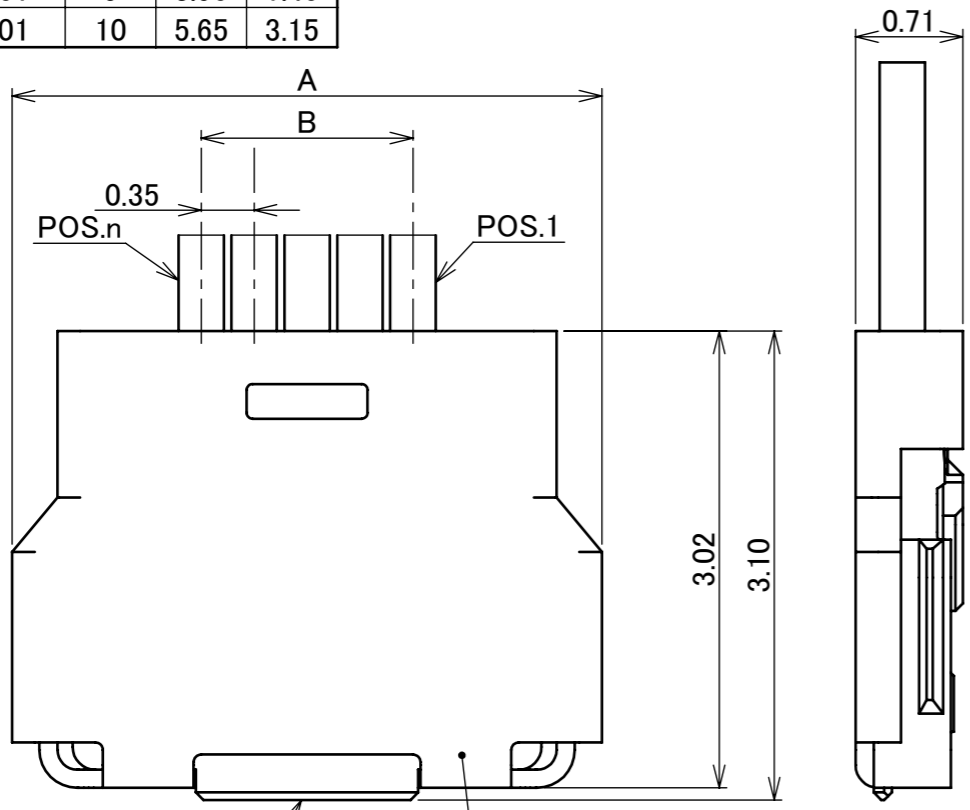


Recommended P/N 20857-0**T-01

PART NO.	Pos.	A	B
20857-005T-01	5	3.90	1.40
20857-010T-01	10	5.65	3.15

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

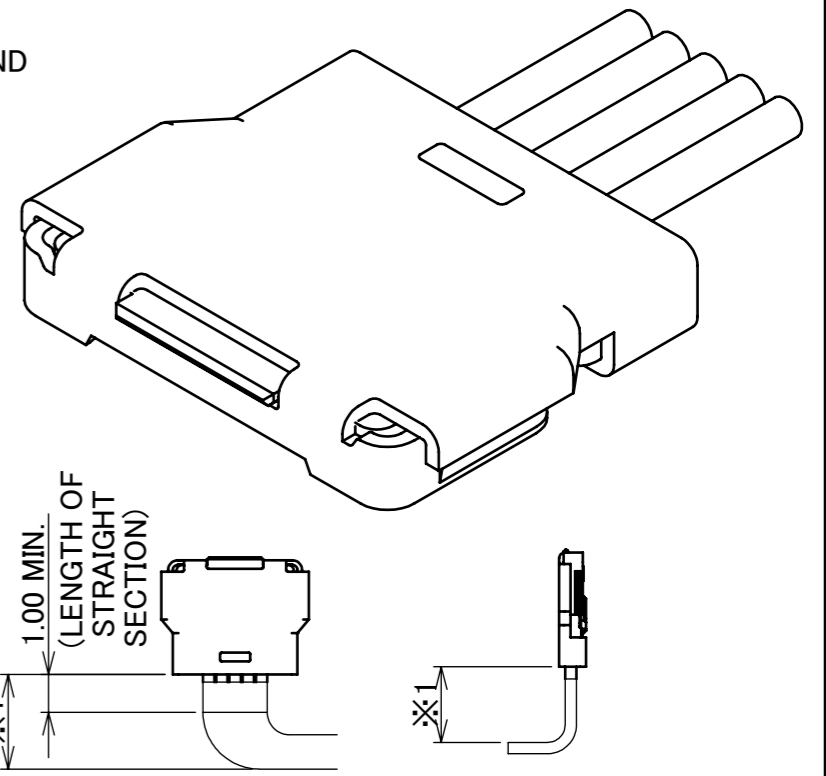
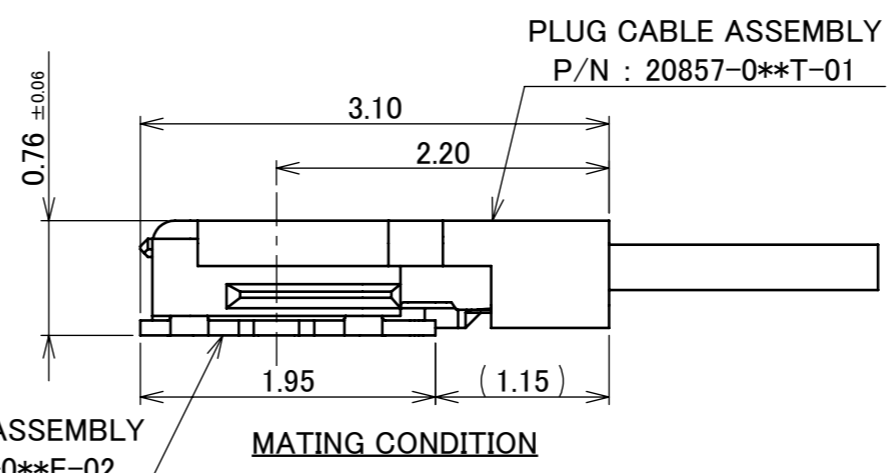


ASSEMBLY STATE (S=10/1)
 ※WE RECOMMEND BONDING THE CABLE AND CONNECTOR TO PROTECT THE CABLE.

PLUG HOUSING ASSEMBLY
 P/N : 20907-0**E-01

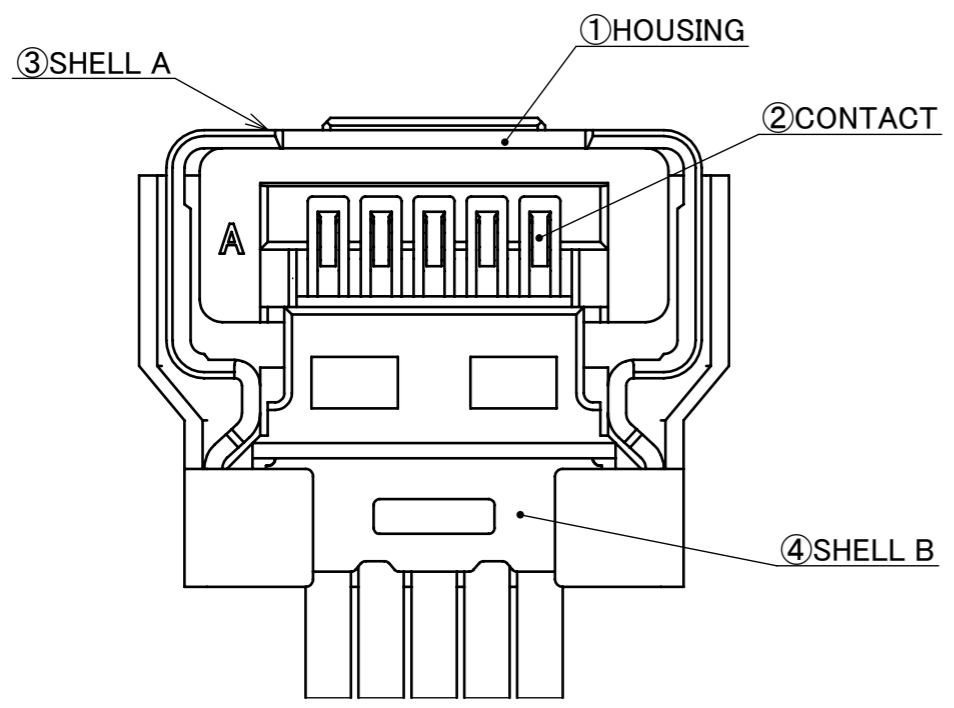
PLUG SHELL A
 P/N : 3568-0**1

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



REFERENCE CABLE BENDING DIMENSIONS

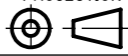
※1 : THE BEND DIMENSIONS MAY VARY BASED ON THE SIZE AND QUANTITY OF CABLES.
 PLEASE CONFIRM THE MINIMUM BENDING RADIUS WITH I-PEX OR THE HARNESS MANUFACTURER.



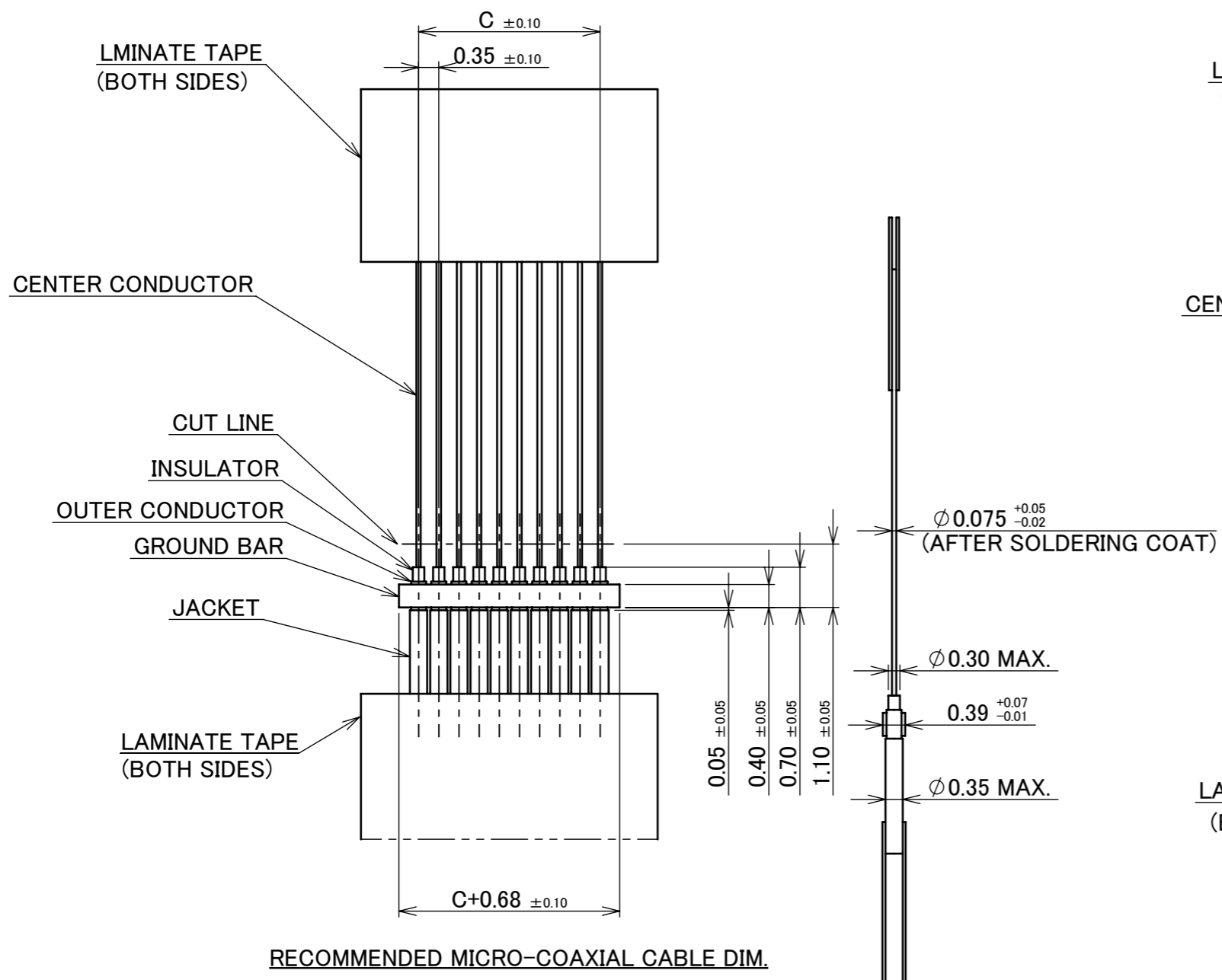
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
4	SHELL B	SUS	Au 0.02 μ m MIN. OVER Ni 1.00 μ m MIN.
3	SHELL A	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.02 μ m MIN. SOLDERING PART Au 0.02 μ m MIN.
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.00 μ m MIN. CONTACT PART Au 0.02 μ m MIN. SOLDERING PART Au 0.02 μ m MIN.
1	HOUSING	LCP	UL94V-0, BLACK

REV.	ECN	BY	DATE	APP.	APP.	CHK.	DATE	APP.	PROJECTION	SERIES No.	TITLE	SCALE	SHEET	REV.
6	Z241439	T.T	2024/10/17	H.I	ANGLE	±2°	6 OVER 30 MAX.	±0.3		R7R3	CABLINER [®] -UY PLUG CABLE ASSEMBLY	20:1	A3	6
5	Z240017	R.H	2024/01/10	H.I	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5						
4	Z220258	K.W	2022/03/09	H.I	GENERAL TOLERANCE.									
3	Z200441	Y.F	2020/04/21	T.Y	DWG.	S.Kawamura		DATE	2018/12/03					
2	Z200309	Y.F	2020/03/13	T.Y	CHK.	K.Yufu								
1	Z200022	Y.F	2020/01/10	Y.S	APP.	K.Yotsutani								
REVISION RECORD										DWG. No.	20857	SIZE	1/3	

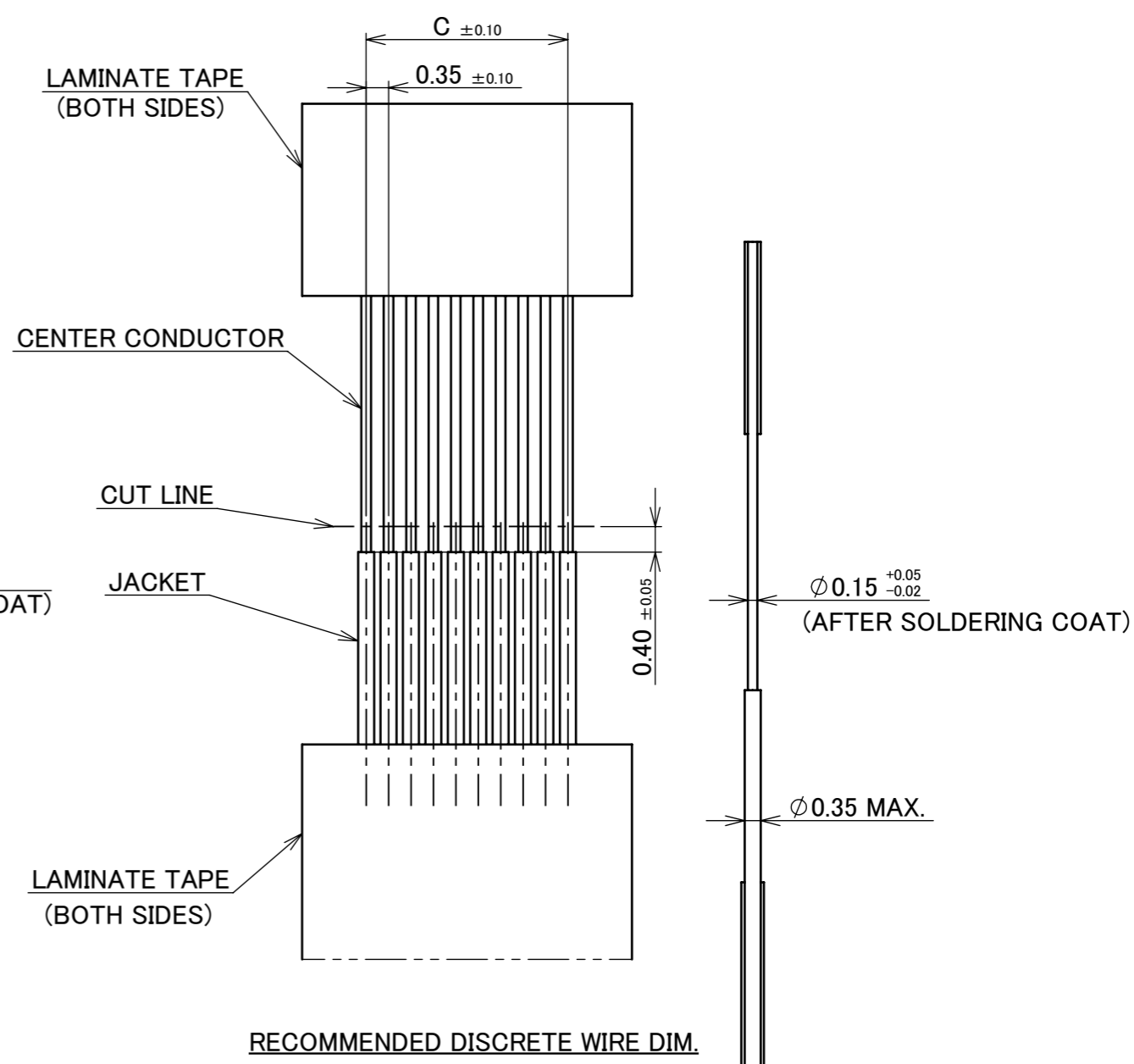
ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 42 DISCRETE WIRE : AWG# 36
RATING VOLTAGE	60V AC (PER CONTACT PIN) ※THIS IS THE RATED VOLTAGE OF THE CONNECTOR. PLEASE NOTE THAT THE RATED VOLTAGE MAY VARY IN THE HARNESS DEPENDING ON THE CABLES USED.
RATING AMPERAGE (FOR CONTACT)	0.35 AC/DC[AWG# 42] 0.5 AC/DC[AWG# 36]
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 700mohm MAX.(AWG# 42) / AFTER TEST : Δ R 40mohm MAX. 275mohm MAX.(AWG# 36)
GROUND SHELL RESISTANCE	INITIAL : 60mohm MAX. / AFTER TEST : Δ 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.
UNMATING FORCE (INITIAL / AFTER TEST)	5P : INITIAL: 5N MIN. / AFTER TEST: 3N MIN. 10P : INITIAL: 5N MIN. / AFTER TEST: 3N MIN.
CABLE RETENTION FORCE	5Pin : 2.45N MIN. 10Pin : 4.9N 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							
CHK.								
APP.								
				DWG. No.	20857	SIZE A3	SHEET 2/3	REV. 6

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



MICRO-COAXIAL CABLE AWG# 42



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	3/3	6			