

RoHS2(10 substances conformity)
DRAWING FOR REFERENCE: This is subject to change without notice
In cases where the application will demand a high level of reliability, such as automotive, please contact a company representative for further information.

TO
RF

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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△					△				

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +90°C(90%RH MAX)	STORAGE TEMPERATURE RANGE	-40°C TO +90°C(90%RH MAX)
	POWER	———W	CHARACTERISTIC IMPEDANCE	50Ω (0 TO 6 GHz)
	PECULIARITY	———	APPLICABLE CABLE	A12B0733-01(GRAY) :JUNKOSHA CO.,LTD.

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○	
MARKING	CONFIRMED VISUALLY.		○	○	
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	10 mA MAX (DC OR 1000 Hz).	CENTER CONTACT	94 mΩ MAX.	○	○
		OUTER CONTACT	29 mΩ MAX.	○	○
INSULATION RESISTANCE	100 VDC.	500 MΩ MIN.	○	○	
VOLTAGE PROOF	200 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	○	○	
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 3 GHz.	VSWR 1.3 MAX.	○	—	
	FREQUENCY 3 TO 6 GHz.	VSWR 1.5 MAX.			
INSERTION LOSS	FREQUENCY ——— TO ——— GHz	——— dB MAX.	—	—	
MECHANICAL CHARACTERISTICS					
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)	APPLYING A PULL FORCE THE CABLE AXIALLY AT 9.8 N MAX.	① NO WITHDRAWAL AND BREAKAGE OF CABLE. ② NO BREAKAGE OF CLAMP.	○	—	

REMARKS NOTE ① VSWR was measured with SMA conversion adapters attached to both ends of the applicable 100cm cable assembled. Unless otherwise specified, refer to JIS C 5402.	DRAWN y. Yasumuro	DESIGNED h. Hinomiga	CHECKED m. Yamane	APPROVED Q, Mitani	RELEASED
	'04.05.18	'04.05.18	'04.05.18	'04.05.18	

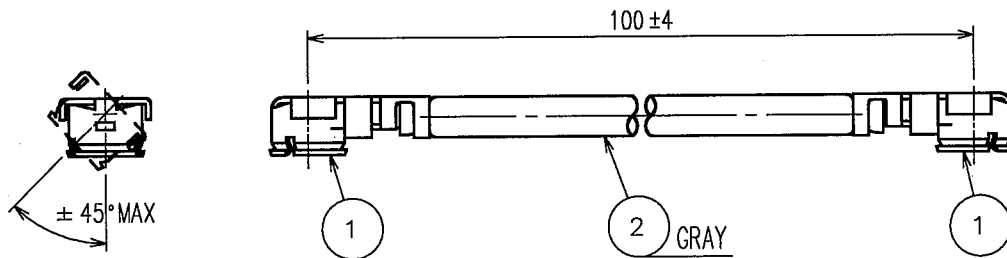
Note QT:Qualification Test AT:Assurance Test O:Applicable Test

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO.	U.FL-2LP-066J1-A-(100)
		CODE NO.(OLD)	CL395-0436-8
DRAWING NO.	ELC4-304073-09	PART NO.	CL321-3240-6-09

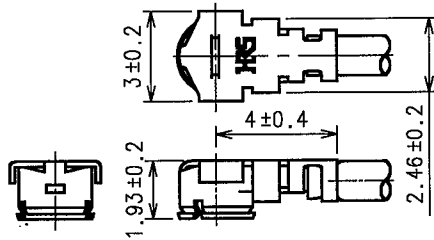
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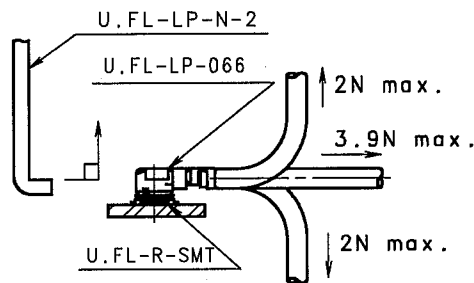


[DIMENSIONS OF CONNECTOR]



[PRECAUTIONS FOR HANDLING]

- ◆Connector insertion and extraction
 - a. Connector shall be extracted vertically by specialised extraction JIG.
 Part No.: U.FL-LP-N-2 (CL Code: CL331-0494-5)
 Never hold the cable when extracting the cable because it damages the connector.
 - b. Insert the connector as perpendicularly to the mating surface as possible by aligning the mating axes of both connectors. Do not excessively slant the connectors when inserting.
- ◆Allowable loads on the cable after the connectors are mated.
 The figures below show the maximum allowable loads on the cable. Do not apply loads exceeding these values to the cable.



1	U.FL-LP-066	CL331-0452-5	2	A12B0733-01 (GRAY)	JUNKOSHA CO., LTD.
NO.	PART NO.	CODE NO.	NO.	PART NO.	MANUFACTURER

CODE NO. (OLD)
 CL 395-0436-8

DRAWN <i>Y. Yasumuro</i> '04.05.18	DESIGNED <i>N. Ninomiya</i> '04.05.18	CHECKED <i>M. Yamane</i> '04.05.18	APPROVED <i>S. Mitoda</i> '04.05.18	RELEASED
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DRAWING NO. EDC4-304073-09	PART NO. U.FL-2LP-066J1-A-(100)
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SCALE FREE	UNITS mm	HRS HIROSE ELECTRIC CO., LTD.	CODE NO. CL321-3240-6-09	1/1
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Mouser Electronics

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