

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Hirose Electric Co Ltd](#)
[HRMJ-X.FL-04N1-A-300RS](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

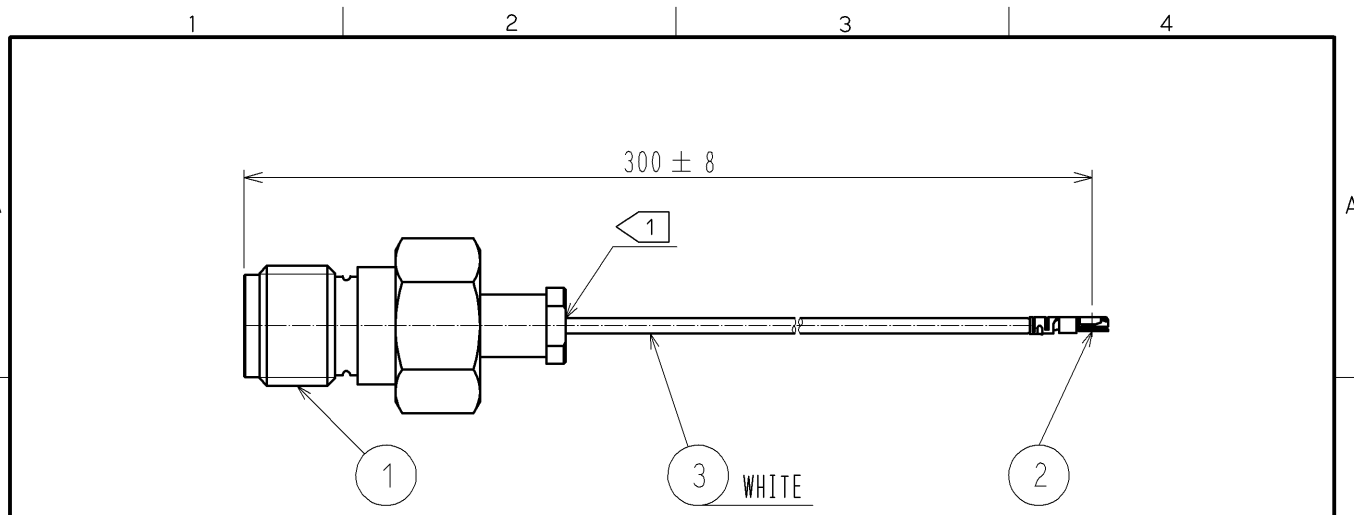
2014/12/24 13:51:32 HK. HORINO

DRAWING FOR REFERENCE: This is subject to change without notice

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	RF-MF5010(WHITE) NISSEI ELECTRIC CO., LTD.		
SPECIFICATIONS						
ITEM	TEST METHOD		REQUIREMENTS	QT	AT	
CONSTRUCTION						
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X	X	
MARKING	CONFIRMED VISUALLY.			X	X	
ELECTRIC CHARACTERISTICS						
CONTACT RESISTANCE	10 mA MAX (DC OR 1000 Hz).		CENTER CONTACT	441 mΩ MAX.	X	X
			OUTER CONTACT	104 mΩ MAX.	X	X
INSULATION RESISTANCE	100 V DC.		500 MΩ MIN.		X	X
VOLTAGE PROOF	200 V AC FOR 1 min. CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.		X	X
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 3 GHz		VSWR	1.3 MAX.	X	—
	FREQUENCY 3 TO 6 GHz		VSWR	1.4 MAX.		
INSERTION LOSS	FREQUENCY TO GHz		dB MAX.		—	—
MECHANICAL CHARACTERISTICS						
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)	APPLYING A PULL FORCE THE CABLE AXIALLY AT 7 N MAX.		1) NO WITHDRAWAL AND BREAKAGE OF CABLE. 2) NO BREAKAGE OF CLAMP.		X	—
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE	
△						
REMARK			APPROVED	KY. SHIMIZU	14. 11. 17	
RoHS COMPLIANT			CHECKED	TO. KATAYAMA	14. 11. 17	
			DESIGNED	YI. FUNADA	14. 11. 14	
Unless otherwise specified, refer to JIS C 5402.			DRAWN	YI. FUNADA	14. 11. 14	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-330816-04	
HRS	SPECIFICATION SHEET		PART NO.	HRMJ-X.FL-04N1-A-300RS		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL321-5045-1-04	△	1/1

2014/12/24 13:51:33 HK. HORINO

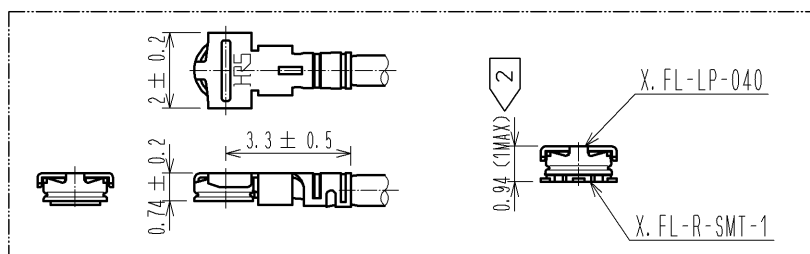
DRAWING FOR REFERENCE: This is subject to change without notice



- NOTE
- 1 Do not apply any excessive stress to the cable assembly position.
 - 2 The drawing shows mated connector height only.

【 DIMENSIONS OF CONNECTOR 】

RoHS COMPLIANT



【 PRECAUTIONS FOR HANDLING 】

◆Connector insertion and extraction

a. Insert the connector as perpendicularly to the mating surface as possible with aligning the mating axes of both connectors by specialised insertion JIG.

Part No. :X.FL-LP-IN.OUT1(CL331-0715-2)

Do not excessively slant the connectors when inserting.

b. Connector shall be extracted by specialised extraction JIG.

Part No. :X.FL-LP-IN.OUT1(CL331-0715-2)

Never hold the cable when extracting the cable because it damages the connector.

◆Allowable loads on the cable after the connectors are mated.

The right figures show the maximum allowable loads on the cable.

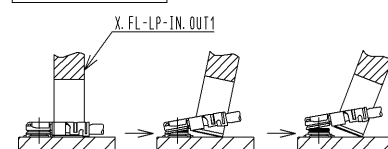
Do not apply loads exceeding these values to the cable.

◆Please don't apply the power of the direction which lifts a cable.

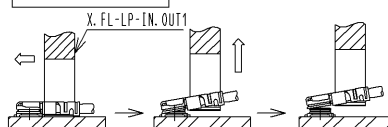
There is a danger that the inserted-in plug will separate. When you perform wiring which curves a cable as shown in the left figure, please be careful.

◆We recommend you to arrange a cushioning medium as shown in a figure, and to prevent a fitting blank.

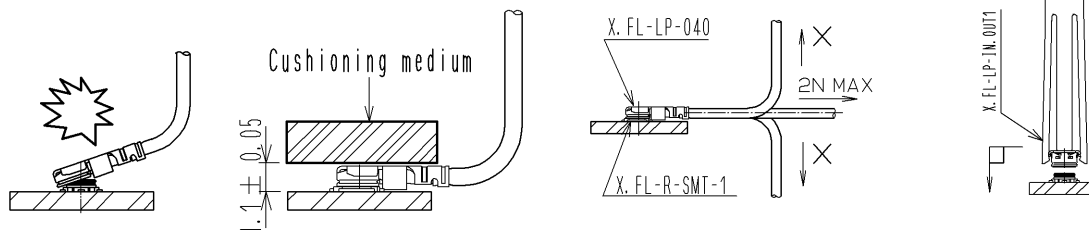
Extraction method 1



Extraction method 2



Insertion method



2	X.FL-LP-040	CL331-0700-0-00			
1	HRM-200-040JBN(40)	CL323-0792-9-40	3	RF-MF5010(WHITE)	NISSEI ELECTRIC CO., LTD.
NO.	PART NO.	CODE NO.	NO.	PART NO.	CODE NO.

UNITS mm		SCALE FREE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
-------------	--	---------------	-------	--------------------------	----------	---------	------