2014/12/24 14:03:21 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 12GHz)
	PECULIARITY	———	APPLICABLE CABLE	FWS5064(WHITE) : KURABE INDUSTRIAL 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 201 mΩ MAX.	X	X
		OUTER CONTACT 89 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 1	FREQUENCY 0.045 TO 3 GHz.	VSWR 1.3 MAX.	X	—
	FREQUENCY 3 TO 6 GHz.	VSWR 1.4 MAX.		
	FREQUENCY 6 TO 12 GHz.	VSWR 1.7 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.	X	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
A					

REMARK

NOTE. 1 VSWR was measured with SMA conversion adapters attached to both ends of the applicable 1000mm cable assembled.

RoHS COMPLIANT

HALOGEN FREE

Unless otherwise specified, refer to JIS C 5402 / IEC-60512.

APPROVED	NK.NINOMIYA	14.11.17
CHECKED	MT.KANEKO	14.11.17
DESIGNED	MS.MATSUMOTO	14.11.14
DRAWN	MS.MATSUMOTO	14.11.14

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

DRAWING NO. ELC4-358301-08

HRS

SPECIFICATION SHEET

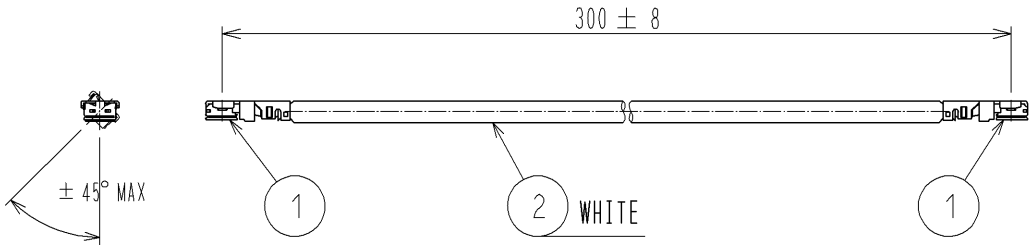
HIROSE ELECTRIC CO., LTD.

PART NO. X.FL-2LPP-068K3TS-A-(300)

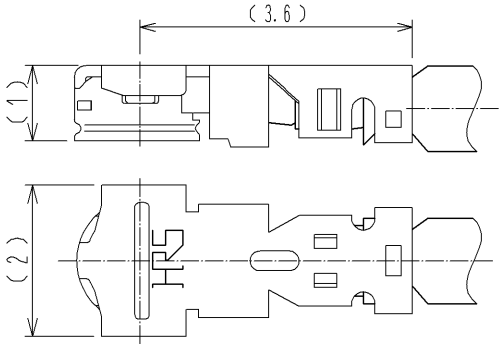
CODE NO. CL321-6176-5-08 A 1/1

FORM HD0011-2-1

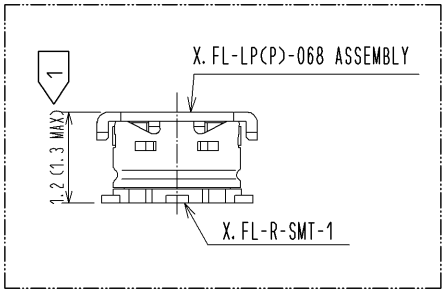
2014/12/24 14:03:21 HK.HORINO
DRAWING FOR REFERENCE:This is subject to change without notice



【DIMENSION OF CONNECTOR】



【MATED CONDITION】



NOTE: 1 The drawing shows mated connector height only.

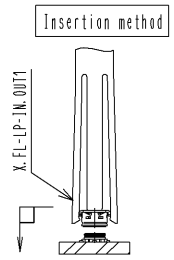
【PRECAUTIONS FOR HANDLING】

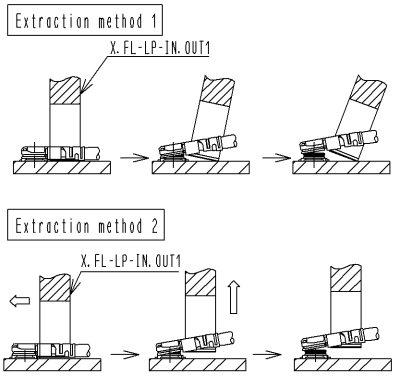
♦Connector insertion and extraction

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. : W.FL-LP-IN(CL331-0323-2) or
X.FL-LP-IN.OUT1(CL331-0715-2)
Do not excessively slant the connectors when inserting.

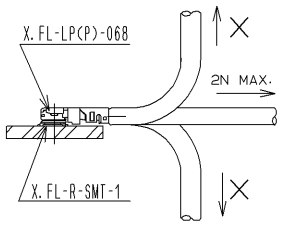
b. Connector shall be extracted by specialised extraction JIG.
Part No. : X.FL-LP-IN.OUT1(CL331-0715-2)

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.



RoHS COMPLIANT, Halogen Free

NO.	PART No.	CODE No.	NO.	PART No.	MANUFACTURER
1	X.FL-LP(P)-068	CL331-0714-0	2	FWS5064(WHITE)	KURABE INDUSTRIAL CO.,LTD.

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

HIROSE ELECTRIC CO.,LTD.

APPROVED	NK.NINOMIYA	14.11.17
CHECKED	MT.KANEKO	14.11.17
DESIGNED	MS.MATSUMOTO	14.11.14
DRAWN	MS.MATSUMOTO	14.11.14

DRAWING NO.	EDC4-358301-08
PART NO.	X.FL-2LPP-068K3TS-A-(300)
CODE NO.	CL321-6176-5-08 △ 1/1