

<b>APPLICABLE STANDARD</b>			
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +85°C(95%RH MAX)	STORAGE TEMPERATURE RANGE -40°C TO +85°C(95%RH MAX)
	POWER	----- w	CHARACTERISTIC IMPEDANCE 50Ω ( 0 TO 6 GHz)
	PECULIARITY	-----	APPLICABLE CABLE -----

### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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#### CONSTRUCTION

GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		-	-

#### ELECTRIC CHARACTERISTICS

CONTACT RESISTANCE	mA MAX (DC OR 1000 Hz).	CENTER CONTACT mΩ MAX.	-	-
		OUTER CONTACT mΩ MAX.	-	-
INSULATION RESISTANCE	250 V DC	500 MΩ MIN.	X	-
VOLTAGE PROOF	300 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	X	-
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 6 GHz.	VSWR 1.2 MAX.	X	-
INSERTION LOSS	FREQUENCY TO GHz	dB MAX.	-	-

#### MECHANICAL CHARACTERISTICS

CONTACT INSERTION AND EXTRACTION FORCES	MEASURED BY φ 0.9017 <sup>0</sup> <sub>-0.0025</sub> STEEL GAUGE.	INSERTION FORCE N MAX.	-	-
		EXTRACTION FORCE 0.3 N MIN.	X	-
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE N MAX.	-	-
		EXTRACTION FORCE N MAX.	-	-
MECHANICAL OPERATION (U.FL SIDE)	10000 TIMES INSERTIONS AND EXTRACTIONS. (400-600 cycles per hour)	1) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-
VIBRATION	FREQUENCY TO Hz SINGLE AMPLITUDE mm, m/s <sup>2</sup> AT CYCLES FOR DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-
SHOCK	m/s <sup>2</sup> DIRECTIONS OF PULSE ms AT TIMES FOR DIRECTIONS.		-	-
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)	APPLYING A PULL FORCE THE CABLE AXIALLY AT N MAX.	1) NO WITHDRAWAL AND BREAKAGE OF CABLE. 2) NO BREAKAGE OF CLAMP.	-	-

#### ENVIRONMENTAL CHARACTERISTICS

DAMP HEAT,CYCLIC	EXPOSED AT TO °C, ~ % TOTAL CYCLES( h )	1) INSULATION RESISTANCE: MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE → → → °C TIME → → → min. UNDER CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO AIR LEAKAGE.	X	-
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COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
0				

REMARK RoHS COMPLIANT  Unless otherwise specified, refer to JIS C 5402.	APPROVED	MH.YAMANE	06.07.12
	CHECKED	NK.NINOMIYA	06.07.12
	DESIGNED	TS.SAWAI	06.07.06
	DRAWN	TS.SAWAI	06.07.06

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELG4-313103-00
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<b>HRS</b>	SPECIFICATION SHEET	PART NO.	HRMJ-U.FLP-ST5	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL311-0422-0-00	▲ 1/1