APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	−40℃ TO +85℃ (90%RH MAX)	STORAGE TEMPERATURE RANGE	−40℃ TO +85℃ (90%RH MAX)
	POWER	— w	CHARACTERISTIC IMPEDANCE	50Ω (0 TO ⚠2 8 GHz)
	PECULIARITY	—	APPLICABLE CABLE	—

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 10 mΩ MAX.	X	X
		OUTER CONTACT 10 mΩ MAX.	X	X
INSULATION RESISTANCE	100 V DC.	500 MΩ MIN.	X	X
VOLTAGE PROOF	250 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	X	X
VOLTAGE STANDING WAVE RATIO ⚠2	FREQUENCY 0.045 TO 5 GHz.	VSWR 1.2 MAX.	X	—
	FREQUENCY 5 TO 8 GHz.	VSWR 1.3 MAX.		
INSERTION LOSS	FREQUENCY — TO — GHz	— dB MAX.	—	—
MECHANICAL CHARACTERISTICS				
CENTER CONTACT EXTRACTION FORCES	— BY STEEL GAUGE.	INSERTION FORCE — N MAX.	—	—
		EXTRACTION FORCE — N MIN	—	—
INSERTION AND EXTRACTION FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE — N MAX.	—	—
		EXTRACTION FORCE — N MIN.	—	—
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS	1) CONTACT RESISTANCE: CENTER CONTACT 15 mΩMAX. OUTER CONTACT 15 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY — TO — Hz SINGLE AMPLITUDE — mm, — m/s^2 AT — CYCLES FOR — DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF — μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	—	—
SHOCK	— m/s^2 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	EXPOSED AT +25 ℃ TO +65 ℃ 、80～96 % TOTAL 10 CYCLES (240H)	1) INSULATION RESISTANCE: 10 MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 500 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -40 → 5−35→ +85 → 5−35℃ TIME 30 → 3 → 30 → 3 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
CORROSION SALT MIST	EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.	⚠2 VSWR SPEC WITHIN STANDARD	X	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⚠4	3	DIS-D-00004690	NK.NINOMIYA	TS.NOBE	20200207

REMARK

Unless otherwise specified, refer to JIS C 5402.

APPROVED	IJ.MITANI	20051124
CHECKED	KY.SHIMIZU	20051124
DESIGNED	TO.KATAYAMA	20051122
DRAWN	YK.SUGIYAMA	20051122

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

DRAWING NO. ELC4-131959-40

HRS

SPECIFICATION SHEET

HIROSE ELECTRIC CO., LTD.

PART NO. HRMP-U.FLJ(40)

CODE NO. CL311-0300-2-40 ⚠4 1/1

FORM HD0011-2-1