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	50 Ω (0 TO 6 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 23 mΩ MAX.	X	X
		OUTER CONTACT 13 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 6 GHz.	VSWR 1.2 MAX.	X	—
INSERTION LOSS	FREQUENCY ——— TO ——— GHz	——— dB MAX.	—	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	——— BY STEEL GAUGE.	INSERTION FORCE ——— N MAX.	—	—
		EXTRACTION FARCE ——— N MIN	—	—
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE ——— N MAX.	—	—
		EXTRACTION FARCE ——— N MAX.	—	—
MECHANICAL OPERATION	500TIMES INSERTIONS AND EXTRACTIONS (TNC(R) SIDE) 30 TIMES INSERTIONS AND EXTRACTIONS(U.FL SIDE)	1) CONTACT RESISTANCE: CENTER CONTACT 35 mΩMAX. OUTER CONTACT 25 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	–
VIBRATION	FREQUENCY 10 TO 100 Hz SINGLE AMPLITUDE 1.5 mm, 59 m/s^2 AT 5 CYCLES FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 1 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	–
SHOCK	735 m/s^2 DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		X	–
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 40 ℃ 、95 % TOTAL – CYCLES (96H)	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 → +90 → 5 – 35°C TIME 30 → 3～5 → 30 → 3～5 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	–
CORROSION SALT MIST	EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	–

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					

REMARK
RoHS COMPLIANT

Unless otherwise specified, refer to JIS C 5402.

APPROVED	IJ.MITANI	06.06.29
CHECKED	MH.YAMANE	06.06.29
DESIGNED	NK.NINOMIYA	06.06.29
DRAWN	NK.NINOMIYA	06.06.29

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

DRAWING NO. ELC4-312386-00

HRS	SPECIFICATION SHEET	PART NO.	TNC(R) J-U. FLJ-PA-2		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL311-0416-7-00	0	1/1

FORM HD0011-2-1