APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	- 40℃ TO + 85℃(95%RH MAX)	STORAGE TEMPERATURE RANGE	- 40℃ TO + 85℃(95%RH MAX)
	POWER	——W	CHARACTERISTIC IMPEDANCE	75Ω (0 TO 3 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.		—	—
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz).	CENTER CONTACT 26 mΩ MAX.	X	X
		OUTER CONTACT 16 mΩ MAX.	X	X
INSULATION RESISTANCE	250 V DC.	1000 MΩ MIN.	X	X
VOLTAGE PROOF	300 V AC FOR 1 min. CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	X	X
VOLTAGE STANDING WAVE RATIO (RETURN LOSS)	FREQUENCY 0.045 TO 3 GHz	VSWR 1.3 MAX. RETURN LOSS 17.7dB MIN.	X	—
INSERTION LOSS	FREQUENCY TO GHz	dB MAX.	—	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	$\Phi 1.32\ ^{0}_{-0.005}$ BY STEEL GAUGE. (BNC SIDE)	INSERTION FORCE N MAX.	—	—
		EXTRACTION FORCE 0.6 N MIN.	X	X
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE N MAX.	—	—
		EXTRACTION FORCE N MIN.	—	—
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS. (BNC SIDE) 25 TIMES INSERTIONS AND EXTRACTIONS. (H.FL SIDE)	1) CONTACT RESISTANCE: CENTER CONTACT 45 mΩ MAX. CHANGE OUTER CONTACT 35 mΩ MAX. CHANGE 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 500 Hz SINGLE AMPLITUDE 0.75 mm, 98 m/s^2 AT 10 CYCLES FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 1 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
SHOCK	490 m/s^2 DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 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, CYCLIC	EXPOSED AT +25 TO +65 ℃, 80 TO 96 % TOTAL 10 CYCLES (240h)	1) INSULATION RESISTANCE: 100 MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 1000 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -40 → - → +85 → - ℃ 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 48h.	NO HEAVY CORROSION.	X	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⚠1					

REMARK
RoHS COMPLIANT

Unless otherwise specified, refer to JIS C 5402.

APPROVED	MH.YAMANE	11.01.28
CHECKED	TS.NOBE	11.01.28
DESIGNED	YI.FUNADA	11.01.28
DRAWN	YI.FUNADA	11.01.28

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

DRAWING NO. ELC4-301127-40

HRS	SPECIFICATION SHEET	PART NO.	BNC(75)J-H.FLJ-BPA-V(40)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL311-0374-9-40 ⚠1	1/1

FORM HD0011-2-1