

APPLICABLE STANDARD					
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	75 Ω (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.	X —
			RETURN LOSS	17.7dB MIN.	
INSERTION LOSS	FREQUENCY TO GHz		dB MAX.		— —
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES	0 Φ1.32 -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 °C, 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 → - °C 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
REMARK			APPROVED	MH. YAMANE	11. 01. 28
RoHS COMPLIANT			CHECKED	TS. NOBE	11. 01. 28
			DESIGNED	YI. FUNADA	11. 01. 28
			DRAWN	YI. FUNADA	11. 01. 28
Unless otherwise specified, refer to JIS C 5402.					
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