

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		FREQUENCY 0.045 TO 1.5 GHz.		VSWR 1.25 MAX.	X	—
		FREQUENCY 1.5 TO 3 GHz.		VSWR 1.5 MAX.		
INSERTION LOSS		FREQUENCY TO MHz		dB MAX.	—	—
MECHANICAL CHARACTERISTICS						
CONTACT INSERTION AND EXTRACTION FORCES		φ1.32 <sup>0</sup> <sub>-0.005</sub> BY STEEL GAUGE. (BNC)		INSERTION FORCE N MAX.	—	—
				EXTRACTION FARCE 0.6 N MIN	X	X
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE N MAX.	—	—
				EXTRACTION FARCE N MIN	—	—
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS. (BNC) 25 TIMES INSERTIONS AND EXTRACTIONS. (H.FL)		1) CONTACT RESISTANCE: CENTER CONTACT 45 mΩMAX.CHANGE OUTER CONTACT 35 mΩMAX.CHANGE 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION		FREQUENCY 10 TO 500 Hz SINGLE AMPLITUDE 0.75 mm, 98 m/s <sup>2</sup> 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 <sup>2</sup> 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, 80~96 % TOTAL 10 CYCLES ( 240 h )		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 48 h.		NO HEAVY CORROSION.	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
④						
REMARK RoHS COMPLIANT				APPROVED	MH. YAMANE	10. 12. 24
				CHECKED	NK. NINOMIYA	10. 12. 22
				DESIGNED	MT. KANEKO	10. 12. 22
Unless otherwise specified, refer to JIS C 5402.				DRAWN	KH. HIKITA	10. 12. 17
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-132230-40	
HRS	SPECIFICATION SHEET		PART NO.	BNC (75) J-H. FLJ-BPA (40)		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL311-0302-8-40	△	1/1