

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	- 40°C TO + 105°C (95%RH MAX)	STORAGE TEMPERATURE RANGE	- 40°C TO + 85°C (95%RH MAX)	
	POWER	—W	CHARACTERISTIC IMPEDANCE	75 Ω ( 0 TO 12 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	53 mΩ MAX.	X	X
		OUTER CONTACT	23 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 (RETURN LOSS)	FREQUENCY 0 TO 3 GHz	VSWR	1.3 MAX. (17.7 dB MIN.)	X	—
	FREQUENCY 3 TO 12 GHz	VSWR	1.5 MAX. (13.9 dB MIN.)		
INSERTION LOSS	FREQUENCY TO GHz		dB MAX.	—	—
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES	Φ1.32 <sup>0</sup> <sub>-0.005</sub> BY STEEL GAUGE. (BNC SIDE)	INSERTION FORCE	N MAX.	—	—
		EXTRACTION FORCE	0.6 N MIN.	X	X
INSERTION AND EXTRACTION FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE	N MAX.	—	—
		EXTRACTION FORCE	N MIN.	—	—
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS. (BNC SIDE) 20 TIMES INSERTIONS AND EXTRACTIONS. (D. FL SIDE)	1) △ CONTACT RESISTANCE: CENTER CONTACT 62 mΩ MAX. CHANGE OUTER CONTACT 32 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 <sup>2</sup> AT 10 CYCLES FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 1 μs.			X —
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			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 °C, 90 TO 95 % TOTAL 96 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 → - → +105 → - °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.	VSWR 1.3 MAX. ( FREQUENCY 0 TO 3 GHz) VSWR 1.5 MAX. ( FREQUENCY 3 TO 12 GHz)			X —
△	COUNT 1	DESCRIPTION OF REVISIONS DIS-D-00004561	DESIGNED YK. KIUCHI	CHECKED NK. NINOMIYA	DATE 20191127
REMARK			APPROVED	NK. NINOMIYA	20190215
			CHECKED	NK. NINOMIYA	20190215
			DESIGNED	MT. KANEKO	20190215
			DRAWN	YK. KIUCHI	20190215
Unless otherwise specified, refer to JIS C 5402.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-375334-00-00
HRS	SPECIFICATION SHEET		PART NO.	BNC (75) J-D. FL75J-BPA	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL311-0015-0-00	△ 1/1