APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	- 40℃ TO + 105℃(95%RH MAX)	STORAGE TEMPERATURE RANGE	- 40℃ TO + 85℃(95%RH MAX)
	POWER	——W	CHARACTERISTIC IMPEDANCE	75Ω (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	$\Phi 1.32\ ^{0}_{-0.005}$ BY STEEL GAUGE. (BNC SIDE)	INSERTION FORCE N MAX.	—	—
		EXTRACTION FORCE 0.6 N MIN.	X	X
INSERTION AND 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) ⚠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^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	EXPOSED AT +40 ℃, 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 → - ℃ 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	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⚠	1	DIS-D-00004561	YK.KIUCHI	NK.NINOMIYA	20191127

REMARK

Unless otherwise specified, refer to JIS C 5402.

APPROVED	NK.NINOMIYA	20190215
CHECKED	NK.NINOMIYA	20190215
DESIGNED	MT.KANEKO	20190215
DRAWN	YK.KIUCHI	20190215

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

FORM HD0011-2-1