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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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 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) △ 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 °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	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
△	1	DIS-D-00004561	YK. KIUCHI	NK. NINOMIYA	20191127	
REMARK			APPROVED	NK. NINOMIYA	20190215	
			CHECKED	NK. NINOMIYA	20190215	
			DESIGNED	MT. KANEKO	20190215	
Unless otherwise specified, refer to JIS C 5402.			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