

Applicable standard						
Rating	Operating temperature range	-55 °C to +85 °C (95 %RH Max.)	Storage temperature range	-55 °C to +85 °C (95 %RH Max.)		
	Power	-- W	Characteristic impedance	75 Ω(0 to 1.5 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.			—	—
ELECTRICAL CHARACTERISTICS						
Contact resistance		100 mA Max.(DC or 1000 Hz)		Center contact 3 mΩ Max.	X	X
				Outer contact 3 mΩ Max.	X	X
Insulation resistance		500 V DC.		1000 MΩ Min.	X	X
Withstanding voltage		1000 V AC for 1 min. current leakage 2 mA Max.		No flashover or breakdown.	X	X
Voltage standing wave ratio		Frequency 0 to 1.5GHz.		VSWR 1.2 Max.	X	—
Insertion loss		Frequency - to - GHz.		--- dB Max.	—	—
MECHANICAL CHARACTERISTICS						
Contact insertion and extraction forces		φ 1.32 ⁰ _{-0.005} by steel gauge.		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		1000 times insertion and extractions.		1)Contact resistance: Center contact 10 mΩ Max. Outer contact 10 mΩ Max. 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 strength (Against cable pull)		Using a pulling tester, pull the cable axially at a rate of - mm/min. and record the strength at which the cable or connector breaks.		--- N Min.	—	—
ENVIRONMENTAL CHARACTERISTICS						
Damp heat		Exposed at +25 to +65 °C, 90 to 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 -55 → - → +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.		VSWR 1.2 Max.	X	—
Soldering condition △2		Soldering iron bit temperature : 380°C , Soldering time : 3 to 5 seconds				
	Count	Description of revisions	Designed	Checked	Date	
△	1	DIS-D-00007987	NK.NINOMIYA	TS.NAKAGAWA	20210614	
Remark			Approved	KY.SHIMIZU	20181122	
			Checked	KY.SHIMIZU	20181122	
			Designed	NK.OOSAWA	20181122	
			Drawn	NK.OOSAWA	20181122	
Unless otherwise specified, refer to IEC 60512.						
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing No.	ELC-130950-41-00		
HRS	SPECIFICATION SHEET		Part No.	BNC(75)-LR-PC-6(41)		
	HIROSE ELECTRIC CO., LTD.		Code No.	CL0302-0363-1-41	△	1/1