






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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.			-	-
ELECTRICAL 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
Withstanding voltage	200 V AC for 1 min. current leakage 2 mA Max.		No breakdown.	X	X
Voltage standing wave ratio (Return loss)	Frequency 0 to 3 GHz.		VSWR 1.3 Max. (R.L. 17.7 dB Min.)	X	-
	Frequency 3 to 12 GHz.		VSWR 1.5 Max. (R.L. 13.9 dB Min.)		
Insertion loss	Frequency - to - GHz.		- dB Max.	-	-
MECHANICAL CHARACTERISTICS					
Contact insertion and extraction forces	φ 1.32 <sup>0</sup> <sub>-0.005</sub> by steel gauge. (BNC)		Insertion force - N Max.	-	-
			Extraction force 0.6 N Min.	X	X
Insertion and extraction forces 	Measured by applicable connector. (D.FL75)		Insertion force 40 N Max.	X	-
			Extraction force 9 N Min. (First time) 3 N Min. ( 2 to 20 times)	X	-
Mechanical operation	500 times insertion and extractions. (BNC) 20 times insertion and extractions. (D.FL75)		1)Contact resistance: Center contact 62 mΩ Max. Outer contact 32 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 <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 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 +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 48 h.		Satisfy the V.S.W.R. (R.L.) standard.	X	-
	Count	Description of revisions	Designed	Checked	Date
Remark	Note  This standard shall apply if it differs from the standard on the plug side.			Approved	NK.NINOMIYA 20230620
	Unless otherwise specified, refer to IEC 60512.			Checked	NK.NINOMIYA 20230620
				Designed	NK.OOSAWA 20230620
				Drawn	NK.OOSAWA 20230620
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.	ELC-401043-00-00	
	SPECIFICATION SHEET		Part No.	BNC(75)J-D.FL75J-BPA-2	
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