

# Non-reflective Terminations (Box Type)

## N, BNC-TM Series



### ■Features

#### 1.High Performance

These super wide bandwidth/ultra high matching non-reflective termination use Hirose Electric original high frequency matching technology.

#### 2.Heat Sink Equipped Type

The usable power has been increased to 30 W through the use of a heat sink. (5 W without heat sink)

### ■Product Specifications

Ratings	Frequency range Characteristic impedance Maximum Input Power	DC to 1.0 GHz 50 ohms 30 W (5 W without heat sink)	Operating temperature range Operating relative humidity	-10°C to +60°C 95% Max.
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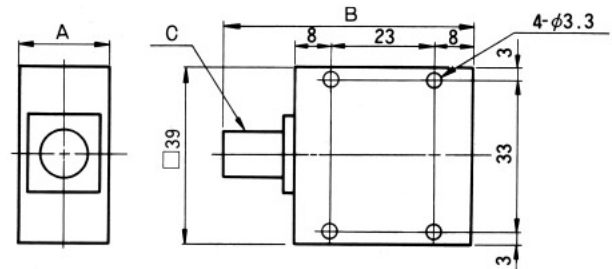
Item	Standard	Conditions
1.Vibration	No electrical discontinuity of 1 μs or more No damage, cracks, or parts dislocation	Frequency of 10 to 2000 Hz, overall amplitude of 1.52 mm, acceleration of 98 m/s <sup>2</sup> for 2 hours in each of 3 directions
2.Shock		Acceleration of 490 m/s <sup>2</sup> , sine half-wave waveform, 3 cycles in each of the 3 axis
3.Temperature	No damage, cracks, or parts dislocation	Temperature: -55°C → +5°C to +35°C → +85°C → +5°C to +35°C Time: 30 → 15 max. → 30 → 15 max. (Minutes) 200 cycles

●The test method conforms to MIL-STD-202.

### ■Materials

Part	Material	Finish
Connector Body	Brass	Nickel plating
Insulator	PTFE	-----
Female contacts	Beryllium copper	Silver plating
Case	Aluminum	Conductive white alumite
Resistor	Metal film	-----

### ■External Dimensions



Part Number	A	B	C
N-TMJ-30	26	57.5	N-J
BNC-TMJ-30	19	57.1	BNC-J

### ■Specifications

Part Number	Frequency Range (GHz)	V.S.W.R. (Max)	Power (Without Heat-sink) (W)	When mounting a dummy case on Heat-sink			Impedance (ohms)	Weight (g)
				Power(W)	Heat Resistance (°C/W)	Heat Sink Temperature at Maximum Load (°C)		
N-TMJ-30	DC~1	1.25	5	30	4	+60	50	116
BNC-TMJ-30	DC~1	1.25	5	30	4	+60	50	73