# **Non-reflective Terminations (Box Type)**

## N, BNC-TM Series



#### **■**Features

#### 1. High Performance

These super wide bandwidth/ultra high matching nonreflective 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	
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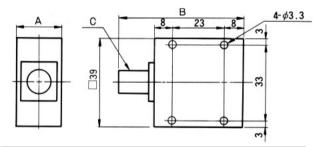
Item	Standard	Conditions		
1.Vibration	No electrical discontinuity of 1 $\mu$ s or more	Frequency of 10 to 2000 Hz, overall amplitude of 1.52 mm, acceleration of 98 m/s² for 2 hours in each of 3 directions		
2.Shock	No damage, cracks, or parts dislocation	Acceleration of 490 m/s², sine half-wave waveform, 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	А	В	С	
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 n	When mounting a dummy case on Heat-sink  Heat Resistance (°C/W) Heat Sink Temperature at Maximum Load (°C/W)		Impedance (ohms)	Weight (g)
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