

Non-reflective Terminators (Box Type)

N, BNC-TM Series



N-TMJ-30

BNC-TMJ-30

■Features

1.High Performance

These super wide bandwidth/ultra high matching non-reflective terminators 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

Rating	Frequency range Characteristic impedance Maximum usable power	DC to 1.0 GHz 50Ω 30 W (5 W without heat sink)	Operating temperature range Operating relative humidity	-10°C to +60°C 95% or less
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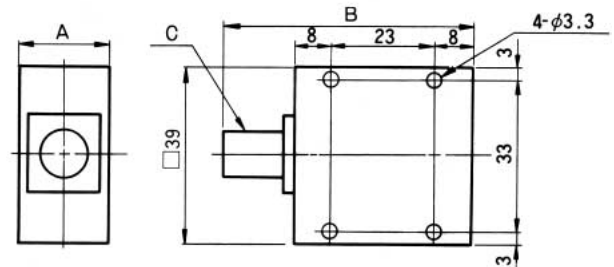
Item	Standard	Conditions
1.Vibration resistance	No electrical disconnections of 1 μs or greater No damage, cracks, or parts looseness	Frequency of 10 to 2000 Hz, overall amplitude of 1.52 mm, 98 m/s ² acceleration, in 3 axial directions, 2 hours each
2.Shock resistance	No electrical disconnections of 1 μs or greater No damage, cracks, or parts looseness	490 m/s ² acceleration, half sine wave, in 3 axial directions, 3 times each
3.Temperature cycle	No damage, cracks, or parts looseness	(-55°C: 30 min. → 5 to 35°C: Within 15 min. → 85°C: 30 min. → 5 to 35°C: Within 15 min.) for 200 cycles

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

■Materials

Part	Material	Processing
External cladding	Brass	Nickel plating
Insulation	Teflon	—
Female contacts	Beryllium copper	Silver plating
Case	Aluminum	Conductive white alumite
Resistor	Metal film	—

■External Dimensions



Model No.	A	B	C
N-TMJ-30	26	57.5	N-J
BNC-TMJ-30	19	57.1	BNC-J

■Specifications

Model No.	(GHz) Frequency Range	V.S.W.R. (Max)	(W) Power (Without Heat-sink)	When mounting a dummy case on Heat-sink			(Ω) Impedance	(g) Weight
				(W)Power	(°C/W) Heat Resistance	(°C) Heat Sink Temperature at Maximum Load		
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