

# Feed-through Non-reflecting Terminations

## MR Series



MR-201

### ■ Features

#### 1. High Performance

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

#### 2. Feed-through Termination

These termination are intended for measurements of 50Ω products using a synchroscope.

### ■ Product Specifications

Ratings	Frequency range Characteristic impedance Maximum Input Power Resistance value	DC to 0.5 GHz 50 ohms 0.5 W 50±1 ohms	Operating temperature range Operating relative humidity	-10°C to +65°C 95% Max.
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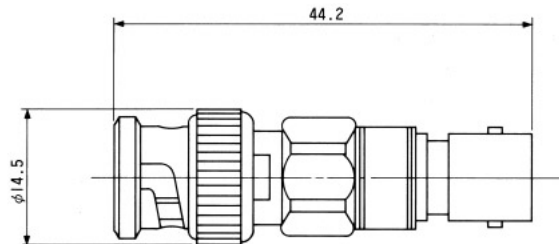
Item	Standard	Conditions
1.V.S.W.R. (Reference)	1.1 max. 1.2 max.	DC to 100 MHz 100 MHz to 500 MHz
2.Vibration	No electrical discontinuity of 1 μs or more No damage, cracks, or parts dislocation	Frequency of 10 to 2000 Hz, overall amplitude of 1.52 mm, acceleration of 98 m/s <sup>2</sup> for 2 hours in each of 3 directions
3.Shock		Acceleration of 490 m/s <sup>2</sup> , sine half-wave waveform, 3 cycles in each of the 3 axis
4.Temperature cycle	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	—
Male contacts	Brass	Gold plating
Female contacts	Beryllium copper	Gold plating
Resistor	Metal film	—

### ■ External Dimensions



### ■ Typical Data

(With output end open)

