

MICROWAVE COMPONENTS

DC to
3.0GHz

Coaxial Terminations

CL 353

◆ GENERAL FEATURES

The BNC-TM series includes compact, high-performance terminations with a BNC port, designed to have outstanding frequency and temperature characteristics.

In particular, the BNC-TMP-05 series models are suitable for LAN equipment, measuring instru-

ments, and factory automation equipment. The series has been enhanced by adding models with 75 ohm resistance and a cover (meeting UL standards) that can increase insulation from external units.

◆ MATERIAL • FINISH

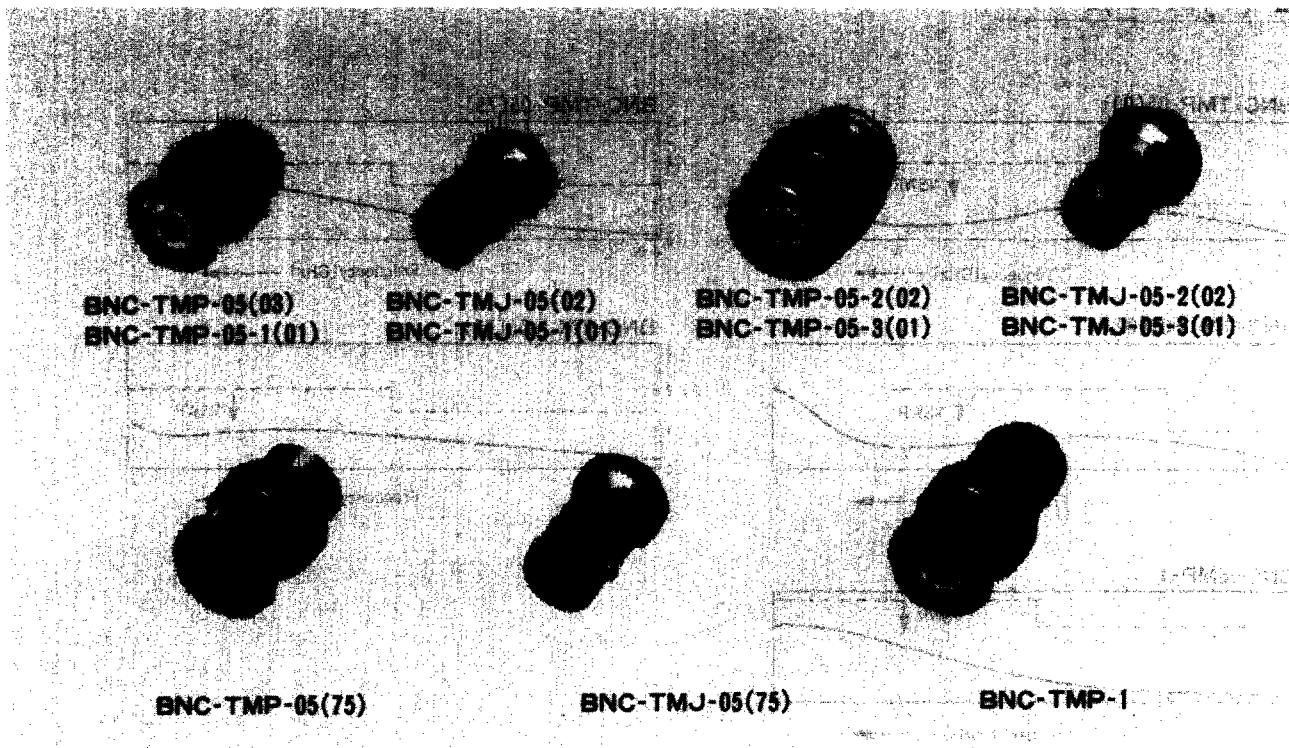
Part name	Material	Finish
Body	Brass	Nickel plated
Insulator	Teflon	
Contact (Male)	Brass	Gold plated
Resistor	Metal film	
Cover	Polyvinylchloride	

◆ OPERATIONAL ENVIRONMENT

Operating temperature; $-10^{\circ}\text{C} \sim +65^{\circ}\text{C}$
Humidity; 0~95%

◆ TEST ENVIRONMENT

Vibration resistance; 10~55Hz
Total amplitude; 1.5mm 55~2000Hz 98m/s²
Temperature resistance; $-55^{\circ}\text{C} \sim +80^{\circ}\text{C}$
Impulse resistance; 490m/s²
Testing Method per MIL-STD-202



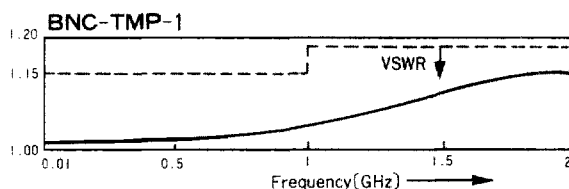
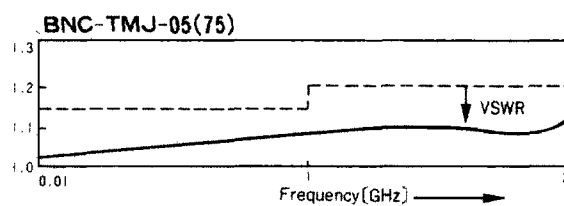
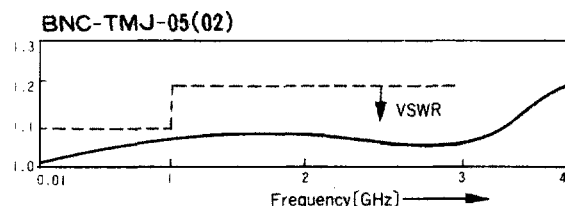
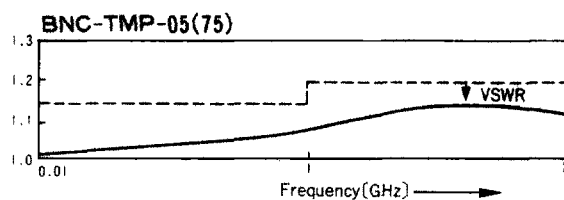
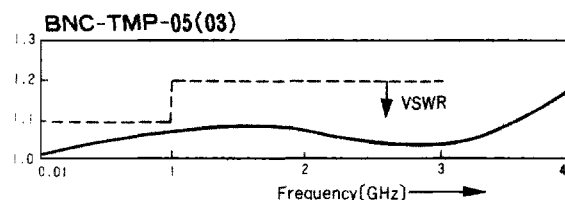
◆ SPECIFICATIONS

Model No.	Frequency Range (GHz)	VSWR (Max)	Power (W)	Impedance (Ω)	Direct Current Resistance (Ω)	Connectors	Weight (g)	
BNC-TMP-05(03)	DC ~ 1 1 ~ 3	1.10	0.5	50	50 ± 0.5	BNC-P	15	
BNC-TMJ-05(02)		1.20	0.5	50	50 ± 0.5	BNC-J	10	
BNC-TMP-05-1(01)	DC ~ 0.1	1.10	0.5	50	50 ± 0.5	BNC-P	15	* 1
BNC-TMJ-05-1(01)			0.5	50	50 ± 0.5	BNC-J	10	* 1
BNC-TMP-05-2(02)	DC ~ 1 1 ~ 3	1.10	0.5	50	50 ± 0.5	BNC-P	16	* 2
BNC-TMJ-05-2(02)		1.20	0.5	50	50 ± 0.5	BNC-J	11	* 2
BNC-TMP-05-3(01)	DC ~ 0.1	1.10	0.5	50	50 ± 0.5	BNC-P	16	* 1
BNC-TMJ-05-3(01)			0.5	50	50 ± 0.5	BNC-J	11	* 1
BNC-TMP-05(75)	DC ~ 0.5 0.5 ~ 2	1.15	0.5	75	75 ± 2.25	BNC-P(75)	14	* 2
BNC-TMJ-05(75)		1.20	0.5	75	75 ± 2.25	BNC-J(75)	9	* 2
BNC-TMP-1	DC ~ 1 1 ~ 2	1.15 1.20	1	50	50 ± 2	BNC-P	16	

* 1 Low cost type limited use for DC ~ 1100MHz band.

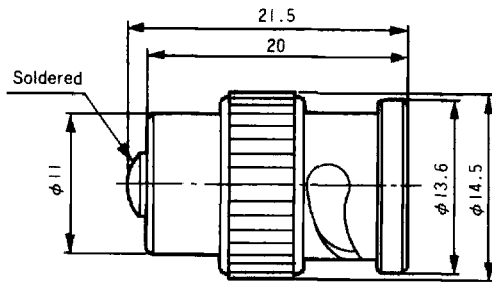
* 2 Cover mounted type.

◆ (Typical) DATA

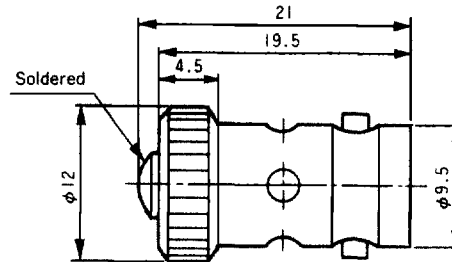


MICROWAVE COMPONENTS

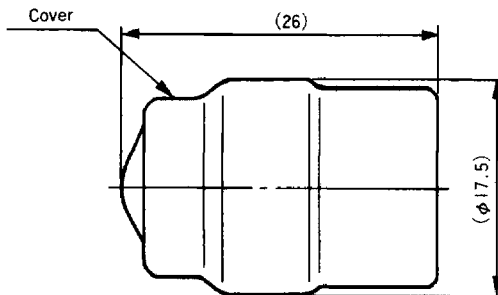
◆ DIMENSIONS



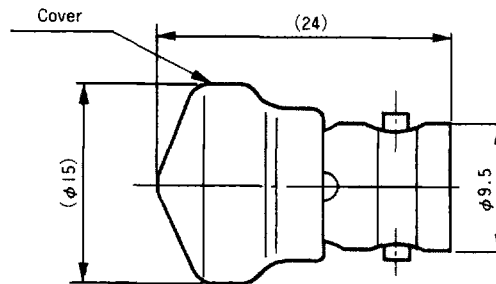
BNC-TMP-05(03)
BNC-TMP-05-1(01)
BNC-TMP-05(75)



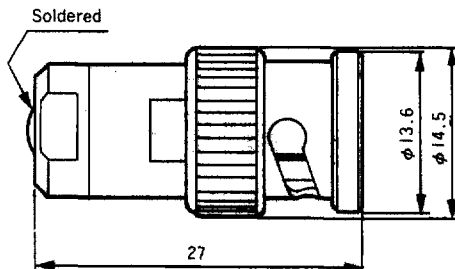
BNC-TMJ-05(02)
BNC-TMJ-05-1(01)
BNC-TMJ-05(75)



BNC-TMP-05-2(02)
BNC-TMP-05-3(01)



BNC-TMJ-05-2(02)
BNC-TMJ-05-3(01)



BNC-TMP-1

BNC-TMP-05 series are shown the characteristics impedance 50Ω, 75Ω respectively.