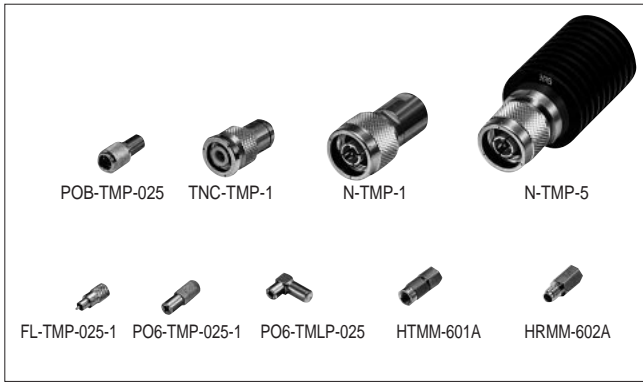


Non-reflective Terminators (N, TNC, SSMA, POB, FL, and PO6)

N, TNC, POB, FL, PO6, and HRMM-TM Series



■ Features

1. High Performance

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

2. Full Compliment of Connector Forms are Available

A wide variety of types are available in addition to the BNC and SMA (Hirose Electric HRM Series) types. These include the world standard N, TNC, and SSMA (Hirose Electric HRMM Series) types, our miniaturized FL Series, and the PO6 Series with apertures.

■ Product Specifications

Rating	Frequency range (NOTE) Characteristic impedance Maximum usable power (NOTE)	DC to 18.0 GHz 50Ω 0.25 to 5 W	Operating temperature range Operating relative humidity	-10°C to +65°C 95% or less
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NOTE: The frequency range and the maximum usable power will differ depending on the model.

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. → 80°C: 30 min. → 5 to 35°C: Within 15 min.) for 200 cycles

- The test method conforms to MIL-STD-202.
- Please see the specification items for details concerning the VSWR.

■ Materials

N Type

Part	Material	Processing
External cladding	Brass	Nickel plating
Insulation	Teflon	—
Male contacts	Brass	Gold plating
External contacts	Phosphor bronze	Silver plating
Coupling	Brass	Nickel plating
Radiator	Aluminum	Black alumite
Resistor	Metal film	—

TNC, POB, FL, and PO6 Types

Part	Material	Processing
External cladding	Brass	Nickel plating
Insulation	Teflon	—
Male contacts	Brass	Gold plating
Resistor	Metal film	—

HRMM Type

Part	Material	Processing
External cladding	Stainless steel	Nickel plating
Insulation	Teflon	—
Male contacts	Brass	Gold plating
Female contacts	Beryllium copper	Gold plating
External conductor	Brass	Nickel plating
Coupling	Stainless steel	Passivated
Resistor	Metal film	—

■ Product Number Breakdown

N, TNC, POB, FL, and PO6 Types

P06 - TMP - 025 - 1

① ② ③ ④ ⑤

① Connector type (Series name)	④ Power (Example) 025: 0.25 W 1 : 1 W
② TM: Indicates a non-reflective terminator.	⑤ Suffix
③ Connector form P: Plug type J: Jack type	

HRMM Type

HRMM - 601 A

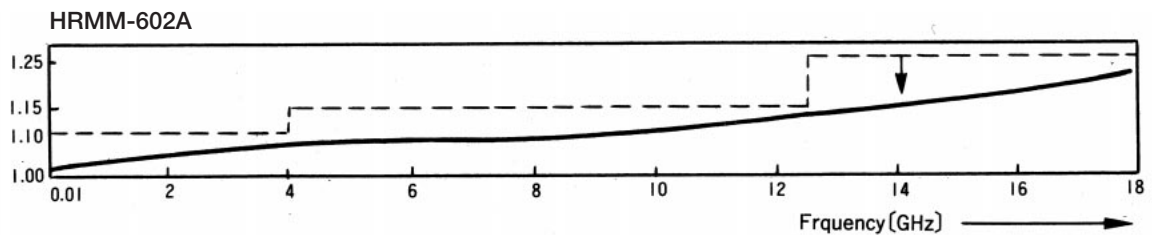
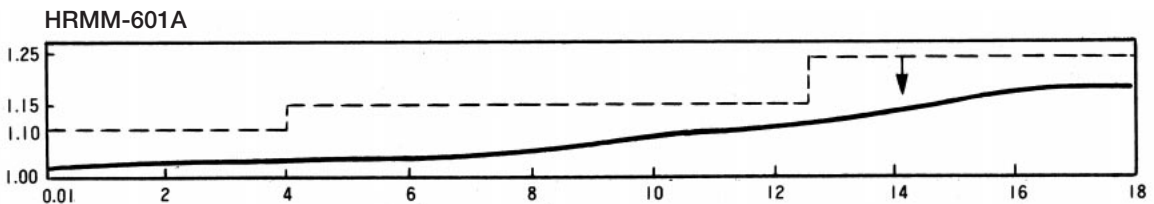
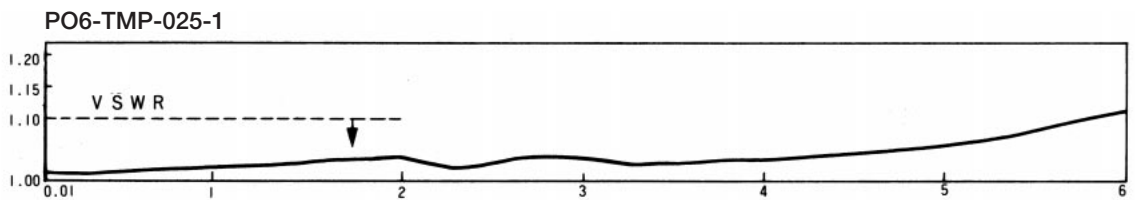
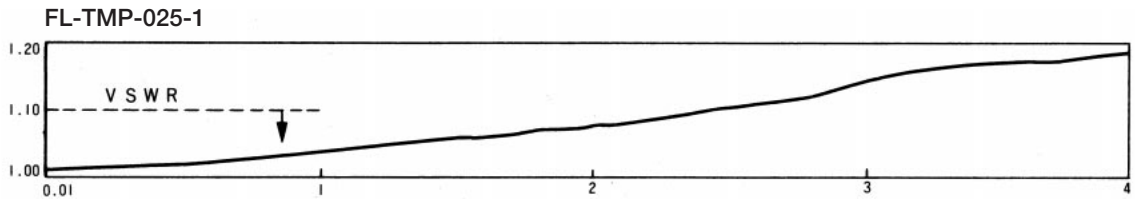
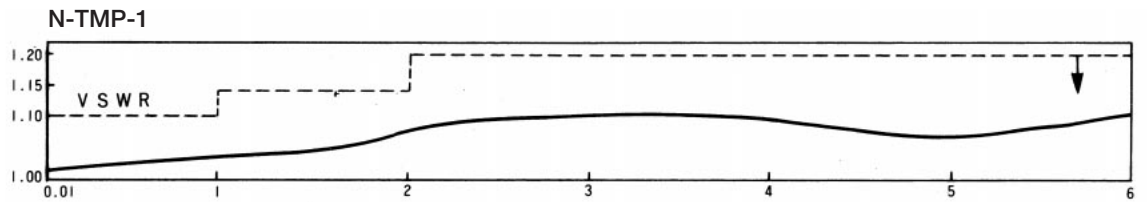
① ② ③

① Connector type HRMM Series
② 600 to 699: Indicates a non-reflective terminator.
③ Coupling processing A: Passivated (without cap)

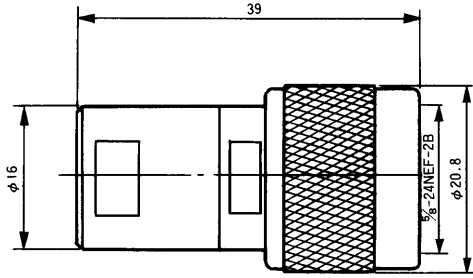
Specifications

Model No	(GHz) Frequency Range	V.S.W.R.(Max)						(W) Power	Connectors	(G) Weight
		DC-1GHz	1-2GHz	2-4GHz	4-6GHz	6-12.4GHz	12.4-18GHz			
N-TMP-1	DC~6	1.10	1.15	1.20		—		1	N-P	59
N-TMP-5	DC~6	1.15		1.20		—		5	N-P	113
TNC-TMP-1	DC~2	1.15	1.20	—			1	TNC-P	19	
POB-TMP-025	DC~12.4	1.10			1.15	—		1/4	POB-P	5
FL-TMP-025-1	DC~1	1.10	—				1/4	FL-P	2	
PO6-TMP-025-1	DC~2	1.10		—			1/4	P06-P	3	
PO6-TMLP-025	DC~2	1.10		—			1/4	P06-P	3	
HRMM-601A	DC~18	1.10			1.15	1.25	1/4	HRMM · P	4	
HRMM-602A	DC~18	1.10			1.15	1.25	1/4	HRMM · J	4	

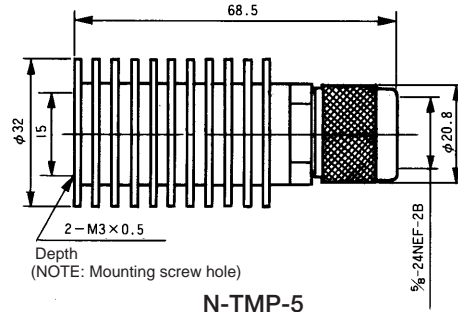
V.S.W.R. Data



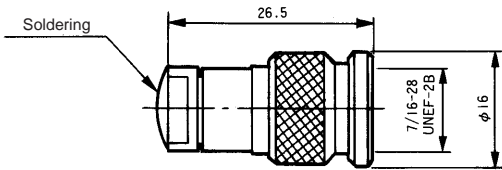
External Dimensions



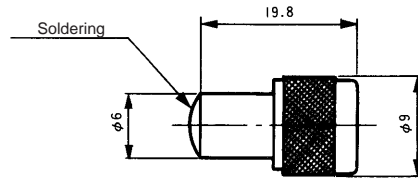
N-TMP-1



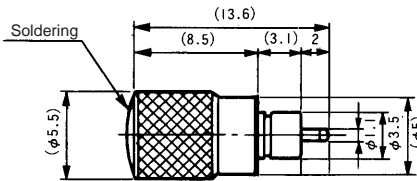
N-TMP-5



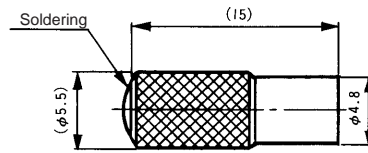
TNC-TMP-1



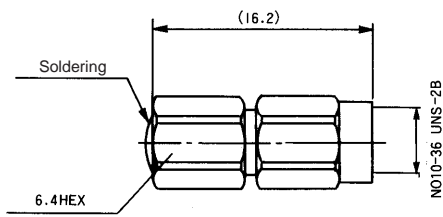
POB-TMP-025



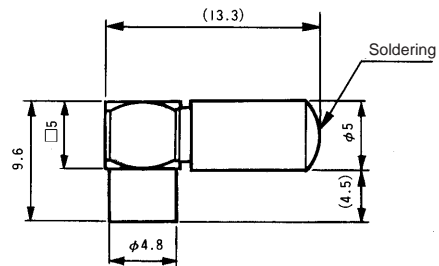
FL-TMP-025-1



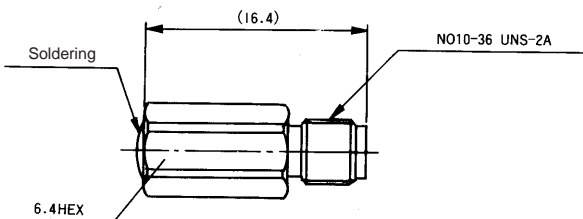
PO6-TMP-025-1



HRMM-601A



PO6-TMLP-025



HRMM-602A