

# Technical Data Sheet

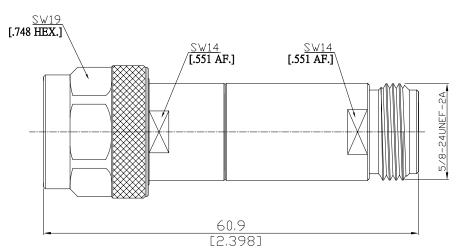
# Impedance Matching Pads plug/jack N $75\Omega$ plug (male) / N $50\Omega$ jack (female)

# MP-N17N25A-2G/144-H4

0.5 to 1 GHz

≤ 1.25 (≥ 19.08 dB)

≤ 1.25 (≥ 19.08 dB)



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

According to

IEC 61169-16; MIL-STD-348A/304

# Electrical Data

Impedance
Interface frequency max.

Frequency range sub-section

VSWR (Return loss)  $50 \Omega$ 

75 Ω

Insertion loss  $50~\Omega$  to  $75~\Omega$ 

 $75~\Omega$  to  $50~\Omega$ 

Avrg. power rating (W)

N 75  $\Omega$  Plug / N 50  $\Omega$  Jack

DC to 2 GHz

DC to 0.5 GHz

≤ 1.15 (≥ 23.13 dB)

≤ 1.15 (≥ 23.13 dB)

 $\leq 5.7 \text{ dB}$ 

≤ 5.7 dB

0.7 W (@ 40 °C; linearly decreasing to 0 W @ 125 °C)

#### Mechanical Data

Coupling mechanisms

Weight

Screw-lock 0.0526 kg

compliant

## **Environmental Data**

Temperature range

RoHS

-55°C to +125°C

### Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy

Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFF	

#### Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Revil O	Rosnol RF/Microwave Technology Co., Ltd.	Page
knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	J
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judged to be necessary.		N-CAGE Code: SFKK0 / ISO9001 certified	1/ 1