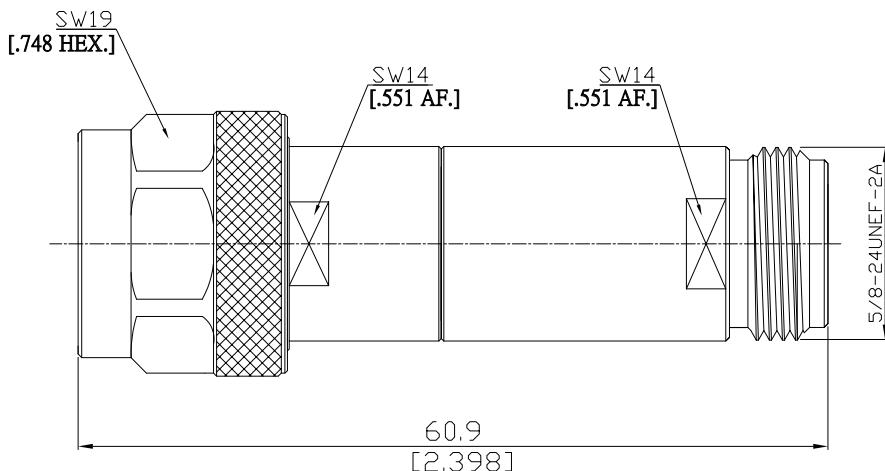


Impedance Matching Pads plug/jack  
N 75Ω plug (male) / N 50Ω jack (female)

MP-N25N17A-2G/H4-144



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

N 75 Ω Plug / N 50 Ω Jack

Interface frequency max.

DC to 2 GHz

Frequency range sub-section

DC to 0.5 GHz

VSWR (Return loss) 50 Ω

0.5 to 1 GHz

75 Ω

≤ 1.15 (≥ 23.13 dB)

≤ 1.25 (≥ 19.08 dB)

Insertion loss 50 Ω to 75 Ω

≤ 5.7 dB

≤ 1.25 (≥ 19.08 dB)

75 Ω to 50 Ω

≤ 5.7 dB

Avg. power rating (W)

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

**Mechanical Data**

Coupling mechanisms

Screw-lock

Weight

0.0526 kg

**Environmental Data**

Temperature range

-55°C to +125°C

RoHS

compliant

**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

PTFE

**Packing**

Single or 100