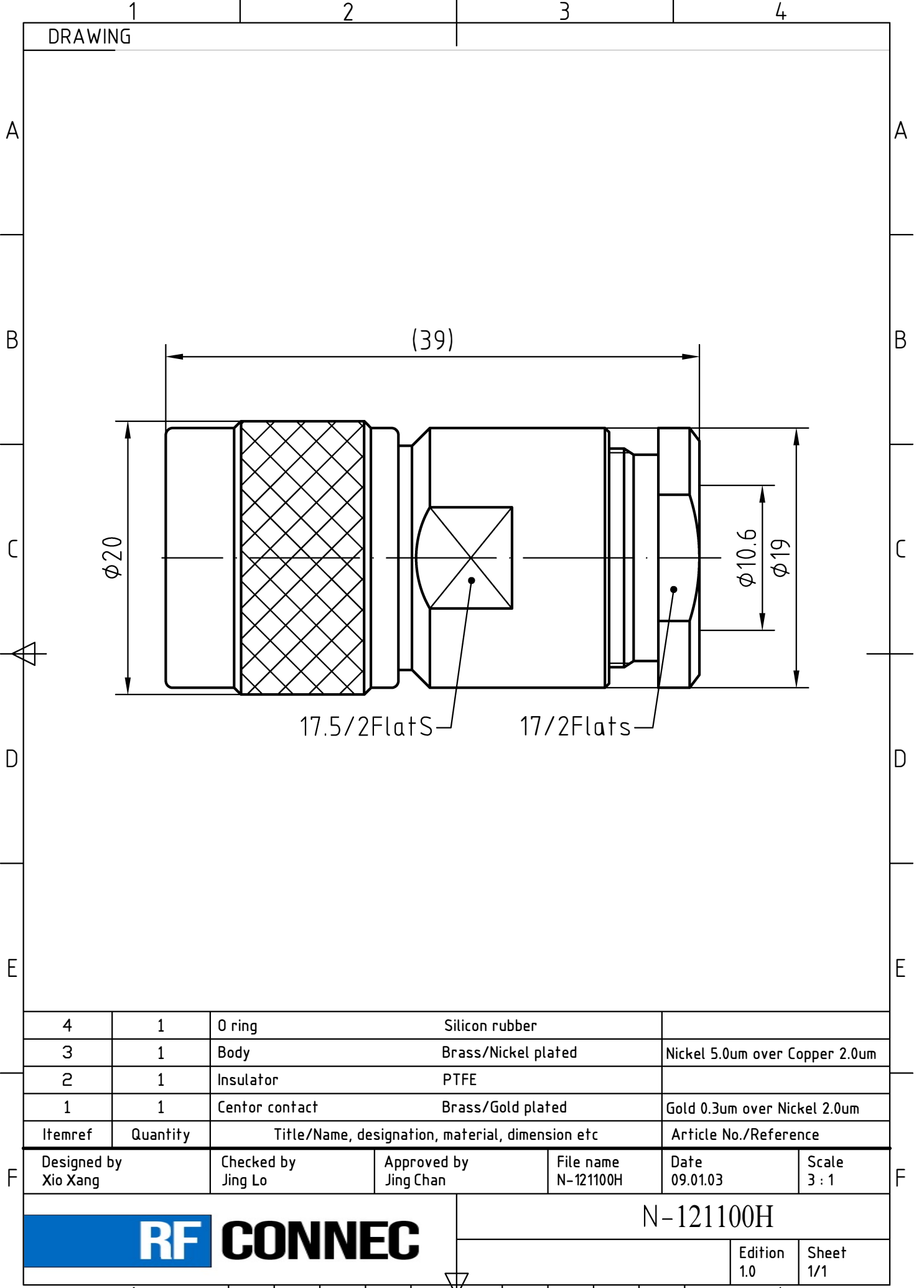




CHARACTERISTICS

DESCRIPTION:

N Type male connector

Electrical data:

Impedance:

50 ohm

Frequency range:

DC to 11.0 GHz

Return loss:

$\geq 28\text{dB}$, DC-1GHz

$\geq 23\text{dB}$, 1-2.5GHz

$\geq 17.2\text{dB}$, 2.5-6GHz

Insertion loss:

$\leq 0.25 \times \sqrt{f[\text{GHz}]} \text{ dB}$

Insulation resistance:

$\geq 5000\text{M}\Omega$

Test voltage:

1500 V rms

Working voltage:

500 V rms

Contact resistance:

1). Centre contact:

1.0 m Ω

2). Outer conductor:

0.25 m Ω

Power handling (at 20 ° C, sea level, VSWR 1.0):

1000 W @ 1 GHz

700 W @ 2 GHz

RF-leakage:

$\geq 128 \text{ dB}$ up to 1 GHz

Environmental data:

Temperature rating:

-55 ° C to +155 ° C

2002/95/EC (RoHS):

Compliant

Mechanical data:

Mating cycles:

≥ 500

Center contact captivation:

$\geq 27 \text{ N(axial)}$

Coupling test torque:

$\leq 1.7 \text{ Nm}$

Recommended torque:

0.7 Nm to 1.1 Nm

Suitable cables:

RG8/U, RG213/U, RG21 4/U