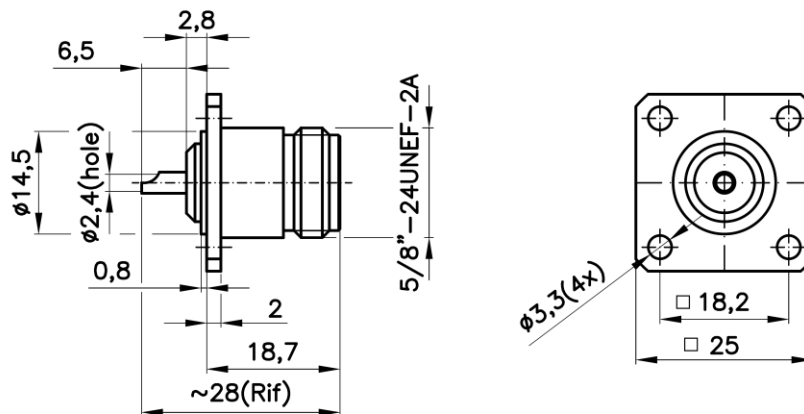


## CONNETTORE N F FLANGIA QUADRA A SALDARE



### CHARACTERISTICS

Interface dimensions..... acc. to IEC 60169-16; CECC 122210

### Material and finishings

Body..... Brass-ternary alloy plated  
 Center contact..... Spring bronze-gold plated  
 Insulator..... PTFE

### Electrical

Impedance..... 50Ω  
 V.S.W.R..... ≤1,05 (32dB) DC to 2,5GHz  
 ≤1,065 (30dB) 2,5 to 4GHz  
 ≤1,22(20dB) 4 to 5GHz  
 Insertion loss..... ≤0,05dB up to 5GHz  
 Insulation resistance..... ≥5GΩ  
 Center contact resistance (initial)..... ≤1mΩ  
 Outer contact resistance (initial)..... ≤0.25mΩ  
 Proof voltage..... 2,5KVe<sub>eff</sub>.  
 Working voltage..... 1,4KVe<sub>eff</sub>.  
 Intermodulation product(IMP3)..... ≤-155dBc(2x20W) ; f=≤1,88GHz

### Mechanical

Coupling nut proof torque..... ≤1.7Nm  
 Recommended coupling nut torque..... 0,7Nm to 1,1Nm  
 Center contact captivation(axial)..... ≥28N  
 Mating cycles..... ≥500

### Environmental

Operating temperature..... -45°C to +85°C  
 Thermal shock..... as per CECC 122210 clause 4.6.7  
 Corrosion(salt mist)..... as per CECC 122210 clause 4.6.10  
 Vibration..... as per CECC 122210 clause 4.6.3  
 Shock..... as per CECC 122210 clause 4.6.4

RoHS compliant

