

# Female Jack

## SMA 50 Ω, straight



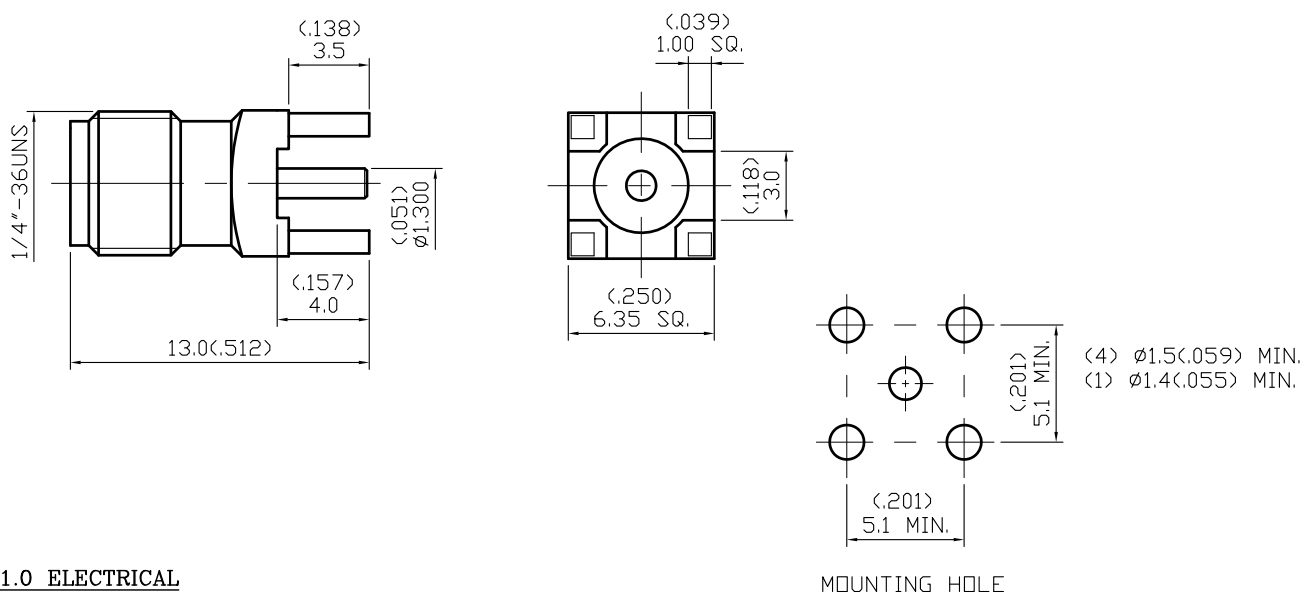
### SPECIFICATION:

Mounting	PCB
Housing material	Brass (CuZn)/Gold-plated
Series	SMA
Center contact	Female
Insulation material	Teflon
Impedance	50 Ω
Connector design	straight
Contacts	Beryllium Copper/gold-plated
Insertion loss	0.06db max X √f GHz@6GHz
VAWR	1.23 max.



### Art. Nr.

RND 205-00505



### 1.0 ELECTRICAL

- 1.1 FREQUENCY RANGE: DC-18 GHz
- 1.2 NOMINAL IMPEDANCE: 50 OHM
- 1.3 VOLTAGE RATING: 500 VOLTS MAX.  $\triangle$
- 1.4 VSWR: 1.23 MAX.

### 2.0 MATERIALS

- 2.1 BODIES: BRASS PER JIS-C3604
- 2.2 CENTER CONTACT: BERYLLIUM COPPER PER ASTM B196 UNS C17300
- 2.3 INSULATION: TEFLON PER ASTM D1457 AND ASTM D1710

### 3.0 FINISHES AND OTHERS

- 3.1 SEE BELOW TABLE FOR DETAILS.

### 4.0 MECHANICAL

- 4.1 INTERFACE IN ACCORDANCE WITH: MIL-STD-348A

### 5.0 ENVIRONMENTAL

- 5.1 OPERATING TEMPERATURE RANGE: -65° C TO +165° C

3	CENTER CONTACT	BERYLLIUM COPPER	1	GOLD 50μ" MIN.
2	INSULATION	TEFLON	1	NONE
1	BODY	BRASS	1	GOLD 3μ" MIN.
NO	DESCRIPTION	MATERIAL	Q' TY	FINISH