

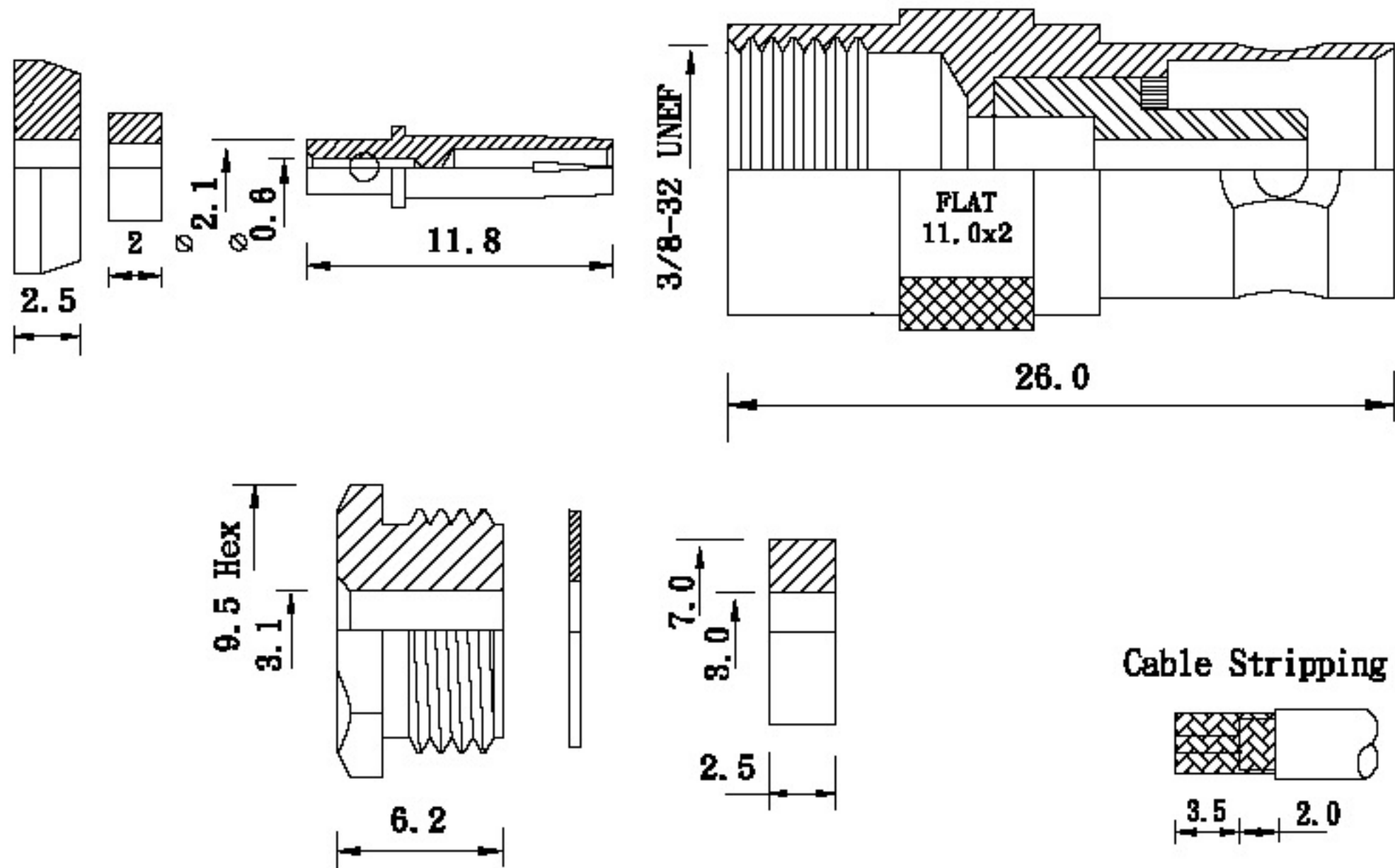
REVISIONS

MBOL	DESCRIPTION/DATE

Electrical	
Impedance	50Ω
Frequency range	0-4GHz
VSWR	≤ 1.2 typ
Test voltage	1500 volts rms
Working voltage	400 V rms
Voltage rating	500 volts peak
Power handling	≤ 60 W (2GHz)
Other (MIL-C-39012 Cable Connectors)	Contact resistance: center contact ≤ 1.5 mΩ outer contact ≤ 1 mΩ Insertion loss: ≤ 0.1x√f(GHz)dB Insulation resistance: ≥ 5000 mΩ
Material	
Mating cycles	≥ 500
Center contact captivation	Axial: ≥ 27 N
Environmental	
Temperature range	-55°C-+165°C
Thermal shock	US MIL-STD 202, Meth, 107, Cond, B
Vibration	US MIL-STD 202, Meth, 204, Cond, B
Climatic class	IEC 60068 85/165/21
Shock	US MIL-STD 202, Meth, 213, Cond, B
Corrosion resistance	US MIL-STD 202, Meth, 101, Cond, B
Degree of protection (mated pair)	IEC 60529

NOTE: FINISH (PLATING THICKNESS IN MICRO-INCHES)

- BRASS PER JIS-C3604
- TEFLON PER ASTM D1457 AND ASTM D1710
- CONNECTOR INTERFACE PER MIL-STD-883A
- PART TO BE CLEAN AND FREE BURS
- NICKEL PL 70 μ" THICK OVER COPPER STRIKE
- GOLD PL 1-2μ" OVER NICKEL PL 70 μ" THICK OVER COPPER STRIKE



7	Washer	Brass	Nickel
6	Gasket	Rubber	Red
5	Braid Clamp	Brass	Nickel
4	Nut	Brass	Nickel
3	Insulator	Teflon	White
2	Contact	Brass	Gold
1	Body	Brass	Nickel
NO	Description	Material	Finish

CUSTOMER OUTLINE DRAWING
 Unless Otherwise Specified Tolerances
 Dimensions Are In Millimeters
 And For Customer Reference Only

- 0.5-8+/-0.2
- 8-30+/-0.4
- 30-120+/-0.8
- 120-815+/-1.0



All Connectors Design Right Protected

Part No: **B-021-174-TGN**

Title: **BNC JACK CLAMP FOR RG/174U CABLE T.G.N.**

Date: **Jul/30/2009** Scale: **3:1** Unit: **M/M** Rev: **B**

RF/Microwave Connectors Professional Manufacturer