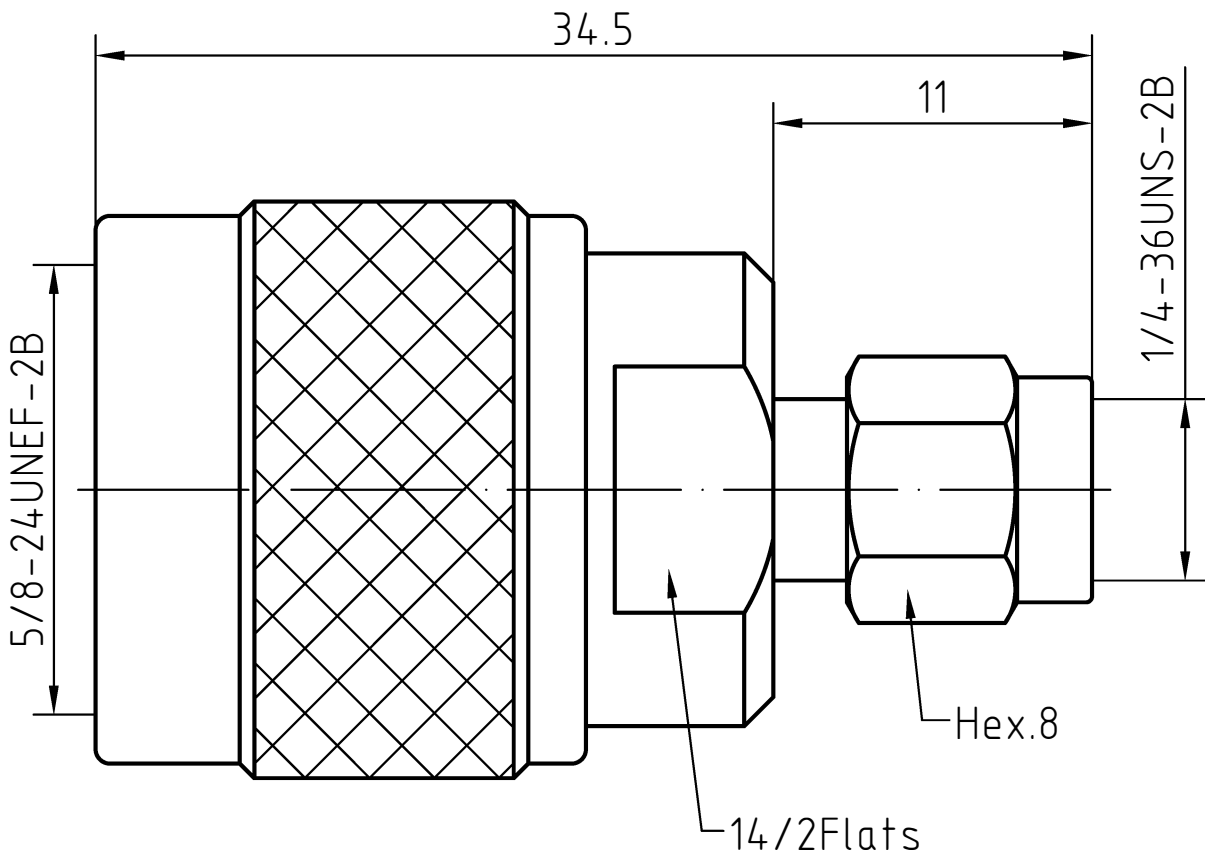


1		2		3		4	
RevNo	Revision note			Date	Signature	Checked	



6	2	O ring	Silicone rubber	
5	1	Nut(N)	Brass/Nickel plated	
4	1	Nut(SMA)	Brass/Gold plated	
3	1	Body	Brass/Nickel plated	
2	1	Insulator	PTFE	
1	1	Center contact	Brass/Gold plated	
Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference

Designed by Xio Xang	Checked by Jing Lo	Approved by Jing Chan	File name N_SMA-1110	Date 08.07.10	Scale 4 : 1
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RF CONNEC		N_SMA-1110	
		Edition 1.0	Sheet 1/1

CHARACTERISTICS

DESCRIPTION:

N plug to SMA plug adaptor

Electrical data:

Impedance:	50 ohm	
Frequency range:	DC to 12.4 GHz	
VSWR:	≤ 1.20	
Insertion loss:	$\leq 0.15\text{dB}$	
Insulation resistance:	$\geq 5000\text{M}\Omega$	
Test voltage:	1000 V rms	
Working voltage:	480 V rms	
Contact resistance:		
1). Centre contact:	1.00 m Ω N side	3.0 m Ω SMA side
2). Outer conductor:	0.25 m Ω N side	2.0 m Ω SMA side
Power handling (at 20 °C, sea level, VSWR 1.0)	$\leq 200\text{ W @ 2 GHz}$	

Environmental data:

Temperature rating:	-65 °C to 165 °C
2002/95/EC (RoHS):	Compliant

Mechanical data:

Mating cycles:	≥ 500
Center contact captivation:	$\geq 15\text{ N(axial)}$
Recommended torque:	0.7 Nm to 1.1 Nm

Suitable cables:

N/A