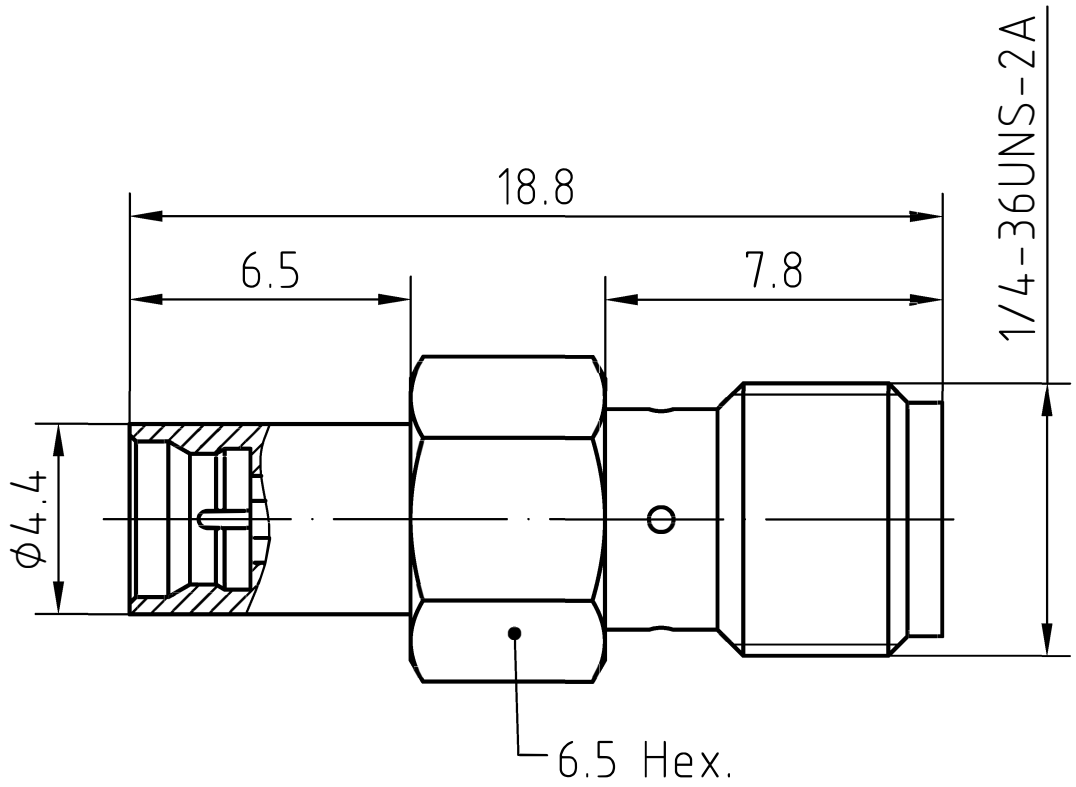
DRAWING



Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference
1	1	Body	Brass/Gold plated	Gold 0.3um over Nickel 2.0um
2	1	Insulator	PTFE	
1	1	Center contact	Beryllium copper/Gold plated	Gold 0.5um over Nickel 2.0um

Designed by	Checked by	Approved by - date	File name	Date	Scale
Mingang Han	Jinlong Gu	Hongyu Du		12.02.20	1 : 1

SS3-321QA

Edition	Sheet
1.0	1/1

CHARACTERISTICS

DESCRIPTION:	ADAPTOR SMA JACK TO SMP PLUG

Electrical data:

Impedance:	*50 ohm*
Frequency range:	*DC to 18 GHz*
Return loss:	*≥25dB, DC-4GHz*
	≥20dB, 4-10GHz
	≥15dB, 10-18GHz
Insertion loss:	*≤0.20 X $\sqrt{f[GHz]}$ dB*
Insulation resistance:	*≥5000MΩ*
Test voltage:	*500 V rms*
Working voltage:	*335 V rms*
Contact resistance:	
1). Centre contact:	*≤6.0 mΩ, SMP side; ≤3 mΩ, SMA side*
2). Outer conductor:	*≤2.0 mΩ, SMP side; ≤2 mΩ, SMA side*

Mechanical data:

	SMA	*SMP*
Mating cycles:	*≥500*	
if mating part is smooth bore:		*≥1000*
if mating part is limited detent:		*≥500*
if mating part is full detent:		*≥100*
Center contact captivation:	*≥10 N(axial)*	*≥10 N(axial)*
Engagement force:		*N/A*
- smooth bore :		*≤9 N.*
- limited detent:		*≤45 N.*
- full detent:		*≤68 N.*
Disengagement force:		
- smooth bore :		*≥2.2 N.*
- limited detent:		*≥9 N.*
- full detent:		*≥22 N.*
Recommended torque:	*0.46 Nm to 0.69 Nm*	