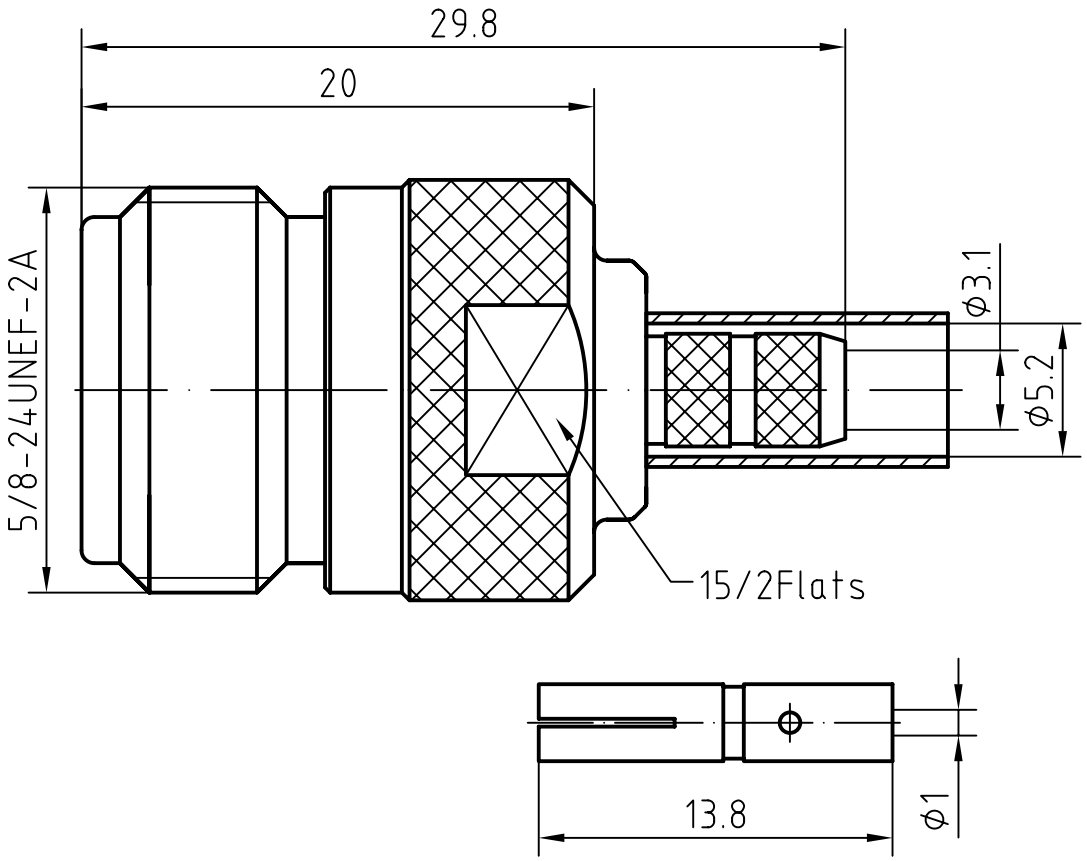
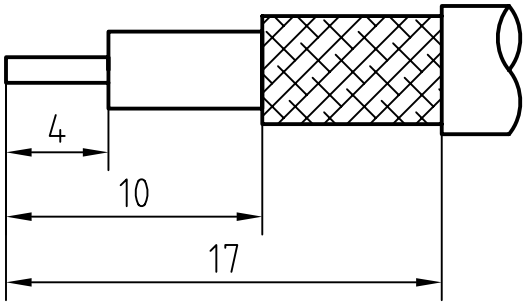
DRAWING



CABLE(RG58/U,LMR195)



3	1	Body	Brass/Nickel plated	Nickel 5um over Copper 2um
2	1	Insulator	PTFE	
1	1	Center contact	Phosphor bronze/Gold plated	Gold 0.5um over Nickel 2um

Designed by	Checked by	Approved by - date	File name	Date	Scale
Mingang Han	Jinlong Gu	Hongyu Du	N-K5Y	08.05.16	1 : 1

Amitron Electronics, Ltd

N-K5Y

http://www.amel.ru

Edition 1.0

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CHARACTERISTICS

DESCRIPTION:	N Type female str connector

Electrical data:

Impedance:	*50 ohm*
Frequency range:	*DC to 11 GHz*
VSWR:	*≤1.05+0.06× f (GHz)*
Insertion loss(LMR195):	*≤0.06X $\sqrt{f[GHz]}$ dB*
Insulation resistance:	*≥5000MΩ*
Test voltage:	*2500 V rms*
Working voltage:	*1400 V rms*
Contact resistance:	
1). Centre contact:	*1.0 mΩ*
2). Outer conductor:	*0.25 mΩ*
Power handling (at 20 °C, sea level, VSWR 1.0):	*1000 W @ 1 GHz*
	700 W @ 2 GHz
RF-leakage:	
- Limitations are possible due to the used cable type -	
	≥ 128 dB up to 1 GHz

Environmental data:

Temperature rating:	*-55 ° C to 155 ° C*
52/95/EC (RoHS):	*Compliant*

Mechanical data:

Mating cycles:	*≥500*
Coupling nut retention:	*≥ 450 N*
Coupling test torque:	*≤1.7 Nm*
Recommended torque:	*0.7 Nm to 1.1 Nm*

Suitable cables:

RG58,LMR195