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REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
A	Initial Release	—	H.wei	12/7/06	12/7/06

### 1 Electrical

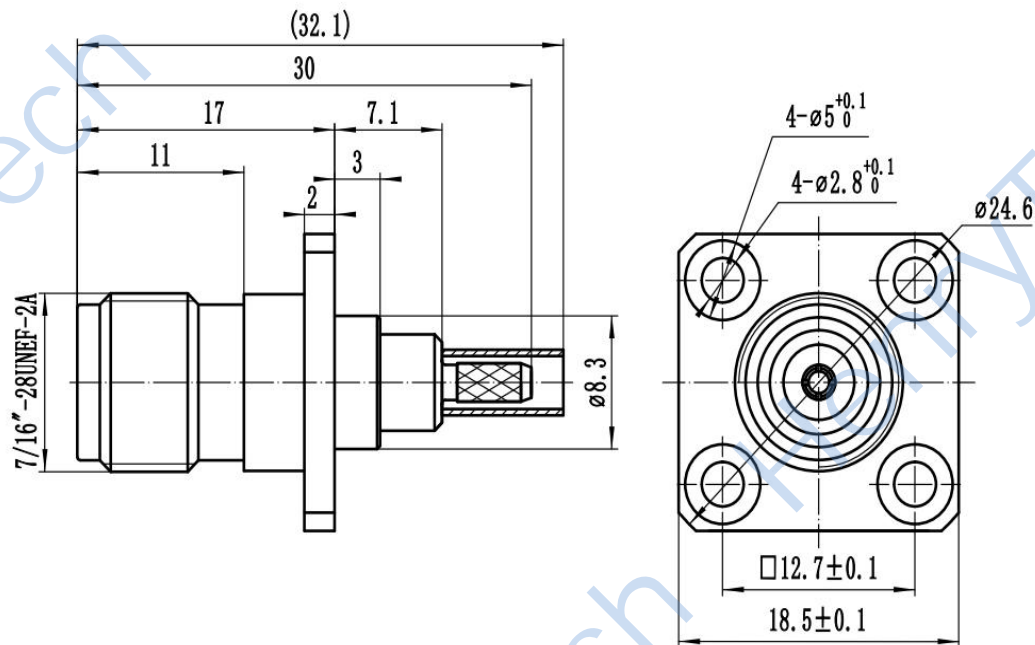
1.1 Impedance	50 $\Omega$
1.2 Frequency	DC~6.0GHz
1.3 Dielectric withstanding voltage	1500V(volts RMS)
1.4 Insulation resistance:	>5000M $\Omega$
1.5 VSWR	<1.25:1
1.6 INSERTION LOSS	$\leq$ 0.30dB

### 2 Environmental&Mechanical

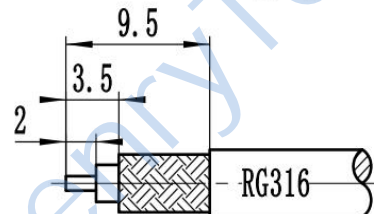
2.1 Temperature range	-55 $^{\circ}$ C~+125 $^{\circ}$ C
2.2 RoHs Compliant	Yes
2.3 Durability	>500 cycles

### 3 Materials&Finish

3.1 Body:	Brass, Nickel plated
3.2 Insulator:	Teflon
3.3 Contact Pin:	Brass, Gold plated



Recommended cable stripping dimensions



### Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN:	H.wei 12/07/06
ENGINEER:	L.yu 12/07/06
APPROVED:	W.yi 12/07/06
TOLERANCES UNLESS OTHERWISE SPECIFIED	
.X	$\pm$ 0.50
.X	$\pm$ 0.20
.XX	$\pm$ 0.10
ANGLES	$\pm$ 1 $^{\circ}$

TITLE:  
RF Coaxial Connector  
TNC Female For RG316  
Cable

PART NO: HL-TNC-KF3Y-F



SIZE: A4 SCALE: N/A SHEET: 1/1 REV: A