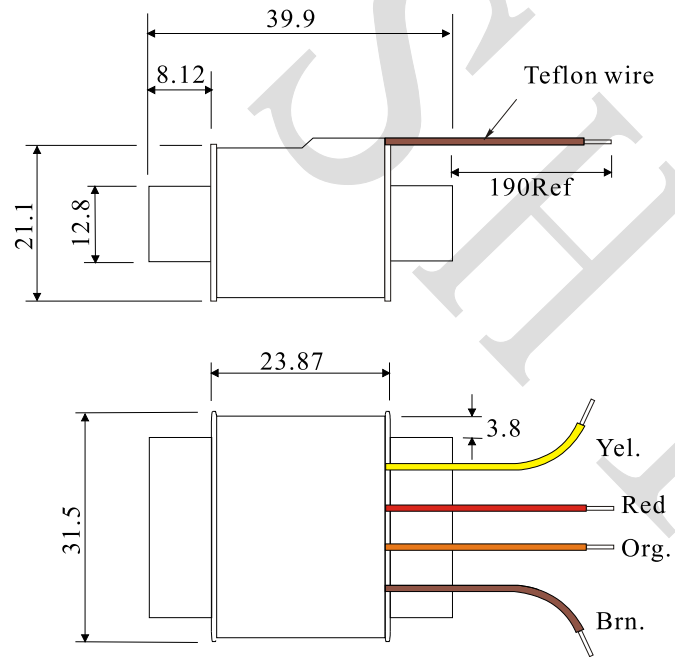




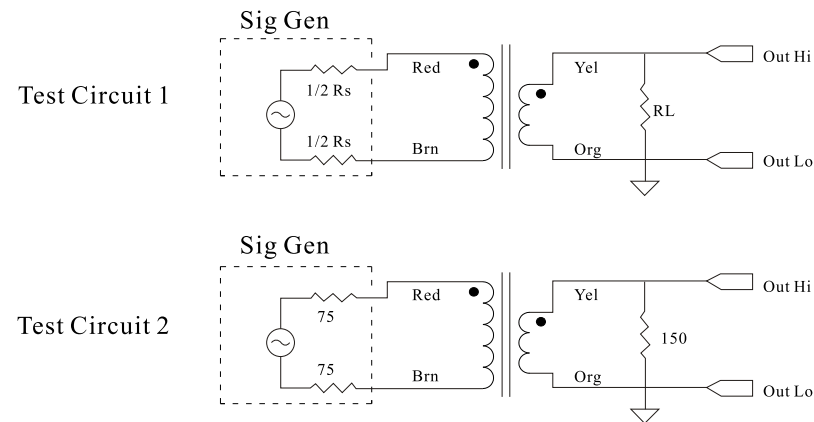
1. PHYSICAL CHARACTERISTICS(mm)



3. ELECTRONICAL SPECIFICATIONS

Parameter	Conditions	Typ
Turns Ratio		6.5 : 1
Voltage Gain	1kHz Rs=600 RL=100K	-16.26 dBu
	1kHz Rs=600 RL=200	-19.53 dBu
	1kHz Rs=600 RL=1.5K	-16.77 dBu
	1kHz Rs=2.5K RL=1.5K	-17.09 dBu
	1kHz Rs=5K RL=1.5K	-17.42 dBu
	1kHz Rs=10K RL=1.5K	-18.02 dBu
	1kHz Rs=20K RL=1.5K	-19.13 dBu
Distortion (THD+N%)	1 kHz, +24 dBu, Rs=2.5K RL=150 Test Circuit 1	0.003%
Max 20 Hz input level	0.1% THD+N% Test Circuit 1	+24 dBu
Response, ref 1 kHz	10 Hz Rs=5K RL=150 Test Circuit 1	-0.01 dB
	20 kHz	-0.02 dB
	100 kHz	-2 dB
Phase Shift at 20Hz	Referenced to source generator	+1
Phase Shift at 20 kHz	Rs=5K RL=150 Test Circuit 1	-16
CMRR	60 Hz Test Circuit 2 per IEE Std 389-1996.19	114 dB
	1 kHz	108 dB
	20 kHz	89 dB
Operating Temp Range		0 °C ~70 °C
Capacitance	1 kHz	325pF
Inductance	Red-Brn	787H
	Yel-Org	19.4H
DCR	Red-Brn	1.72kΩ
	Yel-Org	49Ω

2. ELECTRONICAL SCHEMATIC



NAME:	TUBE MICROPHONE OUTPUT TRANSFORMER		
CUSTOMER P/N:		DATE:	2021-12-21
SHINHOM P/N:	ATU2413-01	REV: A0	PAGE
DRAWN BY	CHECKED BY	APPROVE BY	