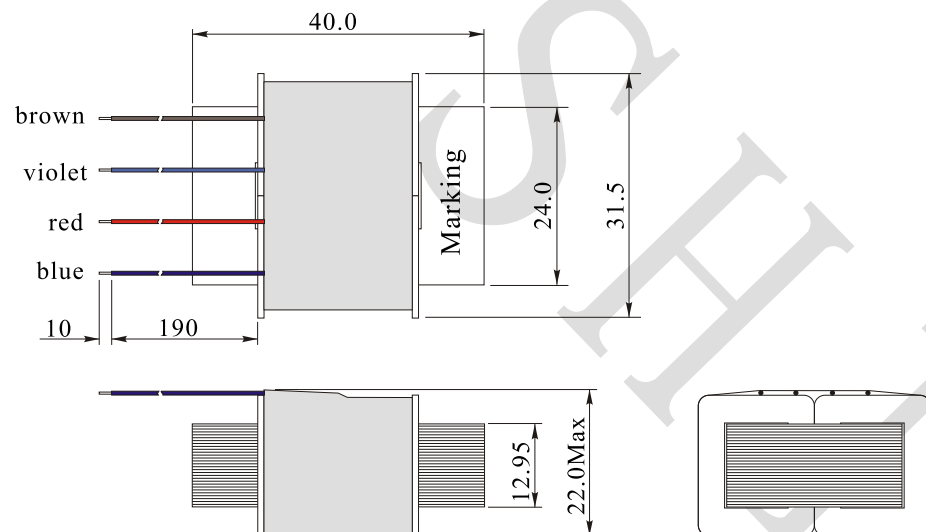
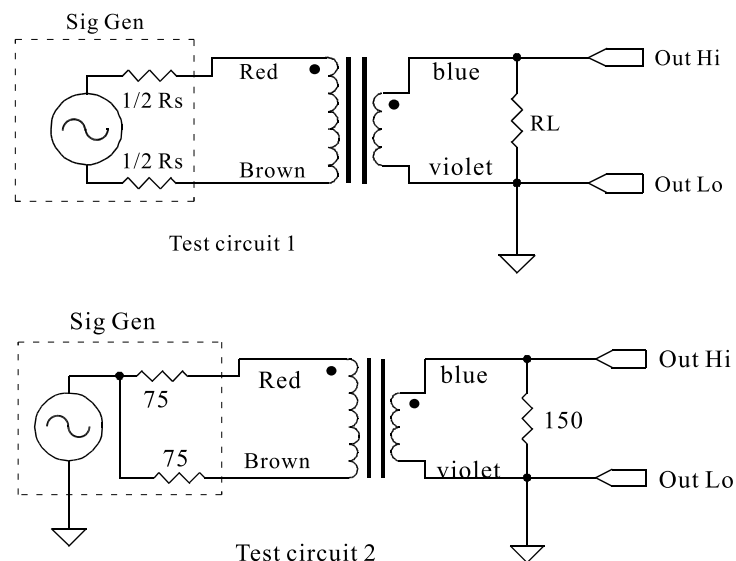


1. PHYSICAL CHARACTERISTICS(mm)



2. SCHEMATIC



3. ELECTRONICAL SPECIFICATIONS

Inductance: Bro.-Red: $620H \pm 20\%$ @100Hz, 0.3V
Vio.-Blu.: $21.5H \pm 20\%$ @100Hz, 0.3V

DCR: Bro.-Red: $2.6K \Omega \pm 10\%$
Vio.-Blu.: $188 \Omega \pm 10\%$

Hi-Pot: 500Vac, 1mA, 1S Coil to Coil
500Vac, 1mA, 1S Coil to Core

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 20Hz 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
	-2 dB	100 kHz
Phase shift at 20Hz	Referenced to source generator	+1°
Phase shift at 20KHz	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 temperature		0°C to 70°C

NAME:	Tube microphone output transformer		
CUSTOMER P/N:		DATE:	2014-11-24
SHINHOM P/N:	AT-UI2401	REV: A0	PAGE
DRAWN BY	CHECKED BY	APPROVE BY	



SHINHOM

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