



QUALITY MAGNETICS SINCE 1979



CM-2820/CM-2820PC

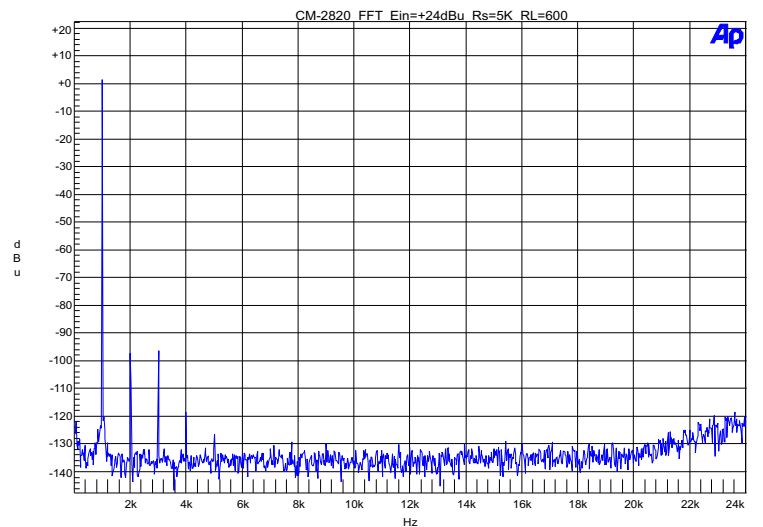
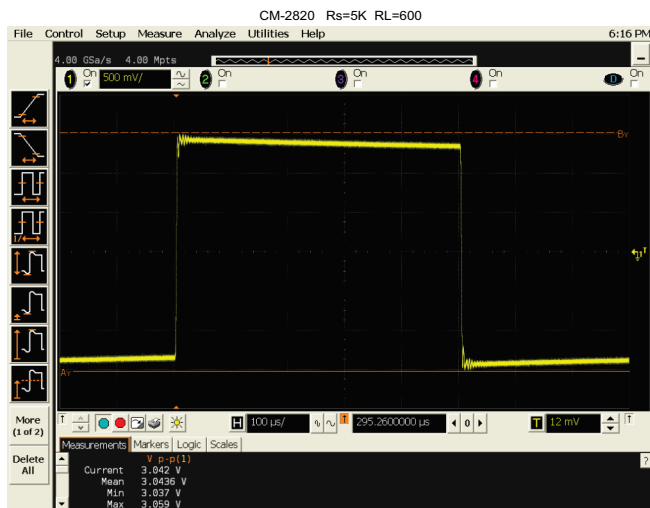
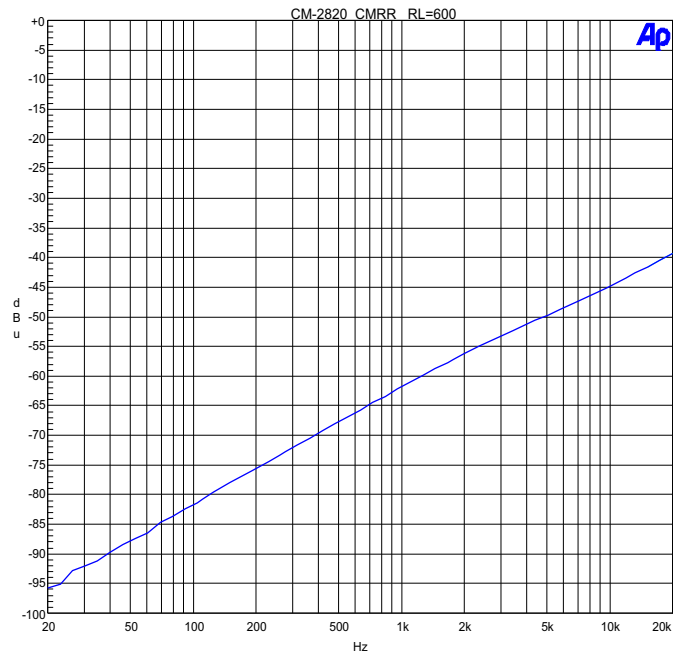
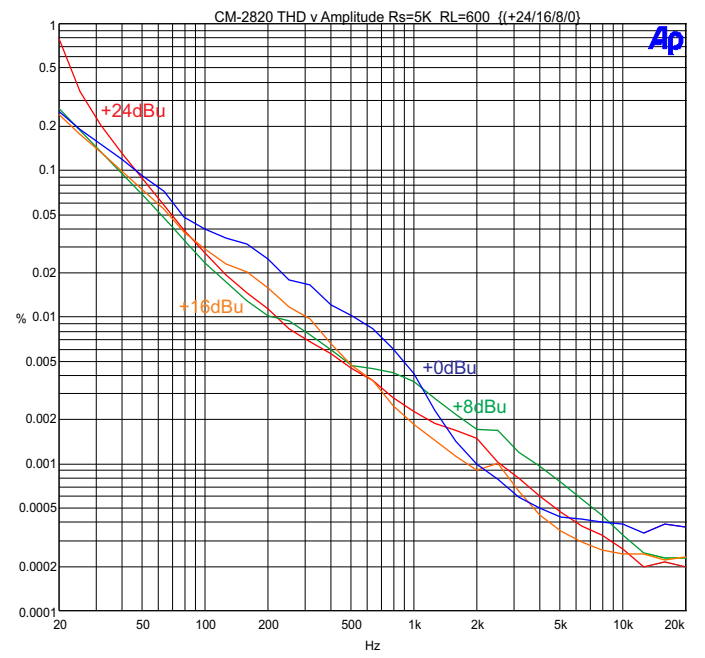
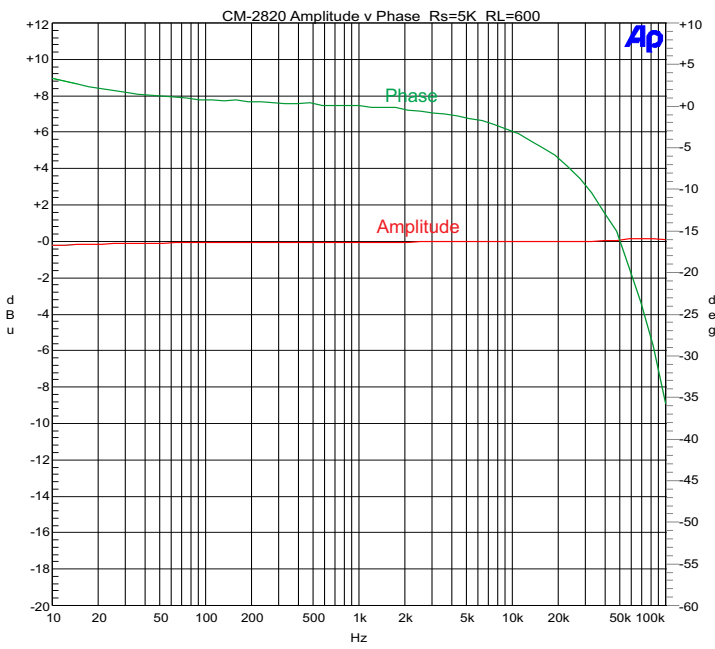
Vacuum tube output transformer 2:1 turns ratio 2.4K:600

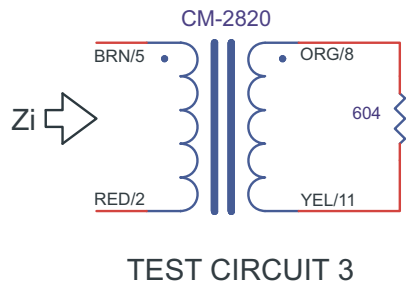
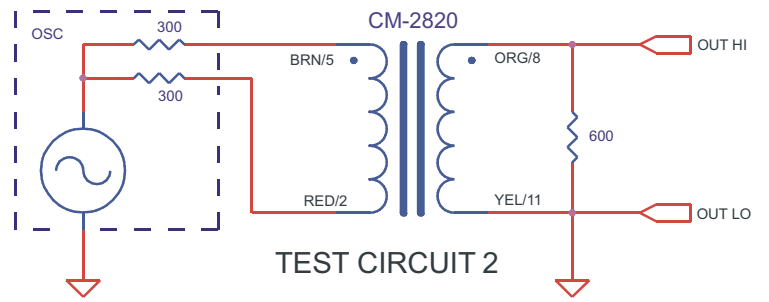
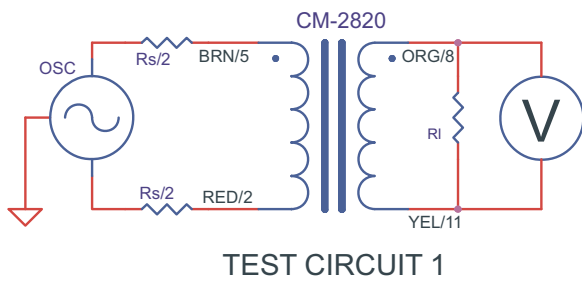
- Vacuum tube line amplifier output
- Economical design
- 50% high-nickel + 50% steel core for warm sonic characteristics
- Very good bandwidth (- 0.3 dB at 20 kHz)
- Good CMRR: 85 dB at 60 Hz
- 0.03% THD at 20Hz

The CineMag CM-2820 output transformer has a 2:1 turns ratio and is intended for OEM products and DIY projects. It is available standard with p.c. pins or with lead wires. It has very good bandwidth and good common mode rejection ratio (CMRR). The 50% high-nickel plus 50% steel lamination core gives it warm sound qualities.

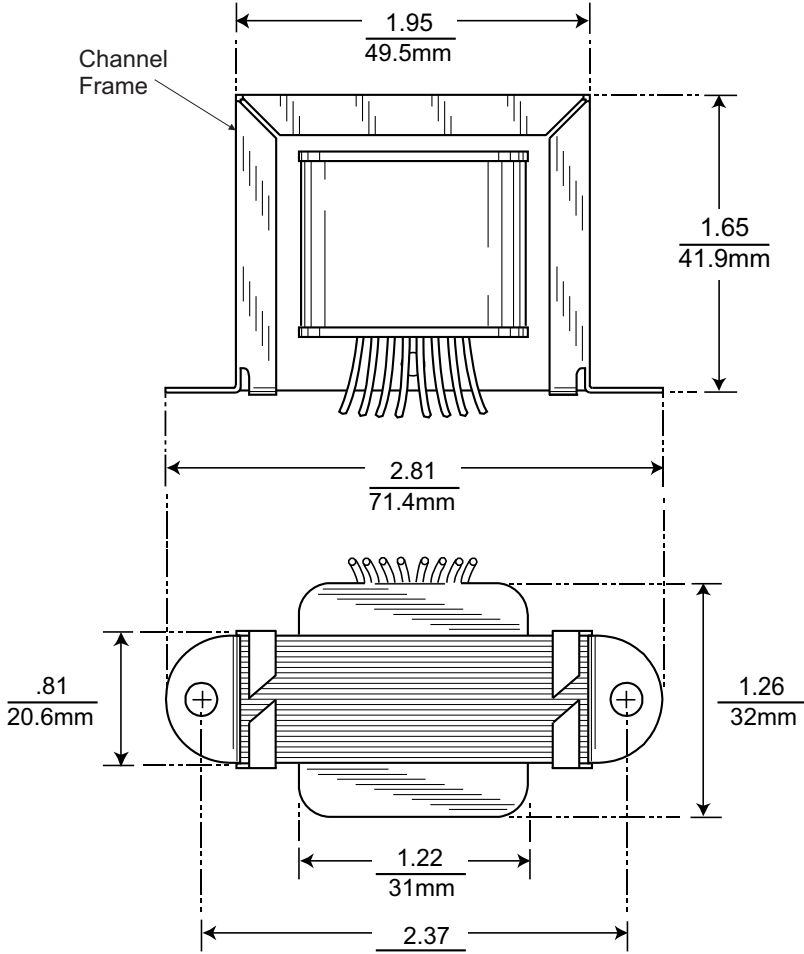
CM-2820/CM-2820PC

Parameter	Conditions	Typ
Turns Ratio		2:1 (2.4K:600)
Voltage Gain	1 kHz, Rs=600 RL=10K Test Circuit 1	-6 dB
Input Impedance	Test Circuit 3	9.8kΩ
Distortion (THD+N%)	1 kHz, +28 dBu Test Circuit 1 20 Hz, +20 dBu Test Circuit 1	0.007% 0.03%
Max 20 Hz input level	1.0% THD; Test Circuit 1	>+24dB
Response, ref 1 kHz	10 Hz Rs=600 Test Circuit 1 20 kHz Rs=600 Test Circuit 1 -3 dB	-0.01 dB +0.01 dB >100kHz
Phase Shift at 20 Hz Phase Shift at 20 kHz	Referenced to source generator Rs=600 Test Circuit 1	+3° -7°
CMRR	60 Hz Test Circuit 2 per IEE Std 389 ¶19 1 kHz Test Circuit 2 per IEE Std 389 ¶19 Test Circuit 2	87 dB 62 dB
Operating Temp Range	Operation and storage	0° C Min 70° C Max
Max Soldering Temp (p.c.)	8 Seconds PC Pins	270° C Max

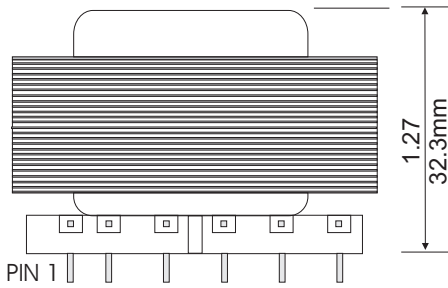
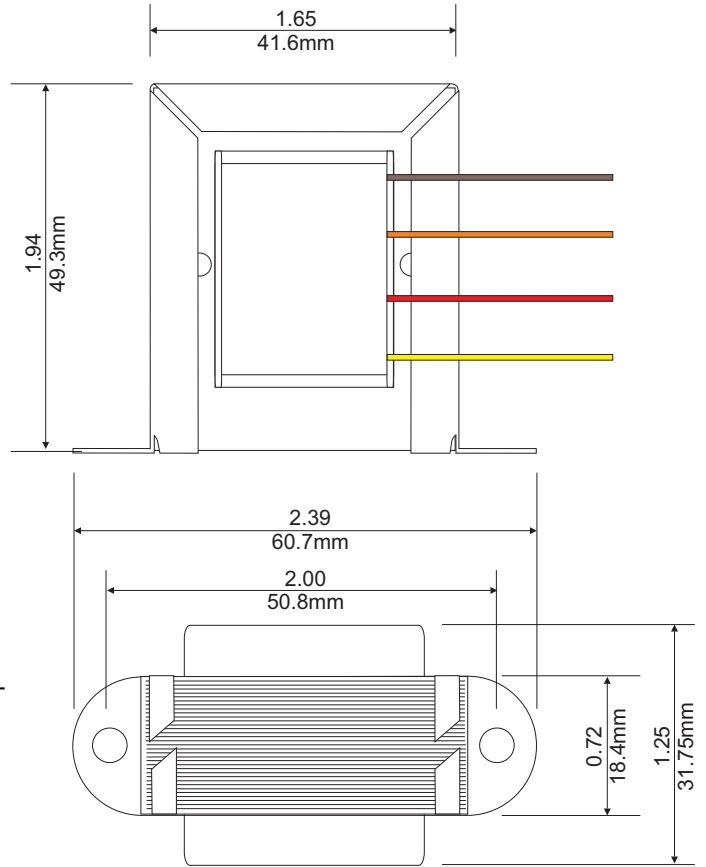




Horizontal Frame
Default Configuration - CM-2820



Vertical Frame
CM-2820J



Printed Circuit Pins
CM-2820PC

