

Muse Coils

PSIC-40NX-25045

A high level power supply filter choke built with the primary idea of delivering a flow of stunning endless musical emotions.

For choke input duty

Nanocrystalline core

OCC magnet wire

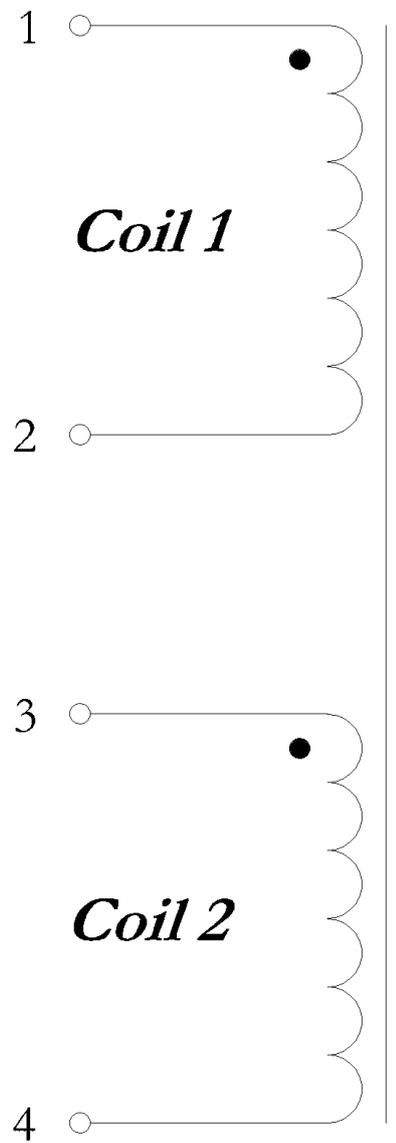
A word of warning:

Please remember you will be installing your new transformers within a potentially hazardous area surrounded by lethal voltages and currents. Respect all safety rules when handling tube amplifiers. Stay safe and have fun!

A summary of building philosophy:

A well performing audio transformer should not be viewed only as an electrical device with coils and a magnetic core. An audio transformer should be built like a musical instrument. Every material plays its significance in the final audible performance. The art of sculpting the best sound possible lies into the hands and mind of the creator to combine the materials into the ultimate synergistic way.

USING THE FILTER CHOKE



Note: The **choke** has two identical coils which can be connected in series, (common mode, differential mode) or parallel

MAIN CHOKE PARAMETERS

Weight: 0,93 kg
Dimensions (mm): 84*69*63

SERIES COILS

Primary inductance (series coils): 25H
Nominal primary DC current: 45mA

Max. primary Vrms at 100Hz, 45mA DC: 200V
Max. primary Vrms at 100Hz, 60mA DC : 30V

Active primary losses: 144R

DC flux density at 45mA Idc: 0,74T
AC flux density at 200Vrms:** 0,30T

PARALLEL COILS

Primary inductance (series coils): 6.25H
Nominal primary DC current: 90mA

Max. primary Vrms at 100Hz, 90mA DC: 100V
Max. primary Vrms at 100Hz, 120mA DC : 15V

Active primary losses: 36R

DC flux density at 90mA Idc: 0,74T
AC flux density at 100Vrms:** 0,30T