Features:

- 43MHz to 127MHz
- Low Noise Figure
- High Linearity
- Low Input Impedance
- Very Low Magnetism
- Low Power Consumption
- Miniature Size: 0.74”x0.60”x0.29”

Applications:

This pre-amp has very small footprint and is specially designed for multi-channel MRI coil applications.

Specifications:

- Input impedance: 2 Ohm typical
- Input phase: 180±5°
- Max input protected power: 30dBm
- Gain: 25-30 dB
- DC Voltage: 10±0.5V
- Output return loss: -15dB
- NF: 0.4dB (0.5dB Max.)
- IP3: 20dBm
- DC current: 15 mA typical

Pin 1: RF Input
Pin 4: RF Output/DC Supply(C-option)
Pins 2,5,6: Ground
Pin 3: floating(C-option) or DC supply
Note: C-option has RF output the same as DC supply.