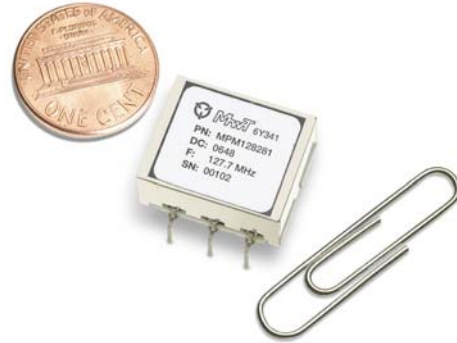


## Features:

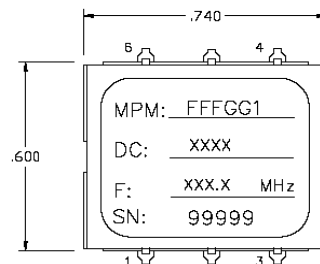
- 43MHz to 127MHz
- Low Noise Figure
- High Linearity
- Low Input Impedance
- Very Low Magnetism
- Low Power Consumption
- Miniature Size:0.74”X0.60”X0.29”



Picture shown is actual size

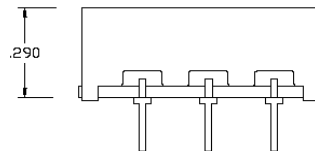
## Applications:

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:  $180 \pm 5^\circ$
- Max input protected power: 30dBm
- Gain: 25-30 dB
- DC Voltage:  $10 \pm 0.5V$
- Output return loss: -15dB
- NF: 0.4dB (0.5dB Max.)
- IP3: 20dBm
- DC current: 15 mA typical



Outline Drawing

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.