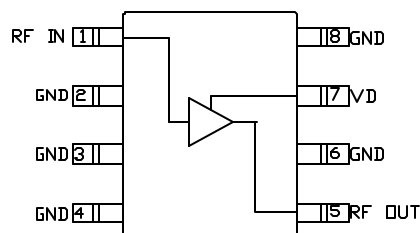


- Single stage Low Noise Amplifier
- Input & Output Matched to 50Ω
- High Temperature Stability
- PHEMT Technology

Frequency:	800 – 900 MHz
Gain @ 800 MHz:	18.0 dB
Gain @ 900 MHz:	17.0 dB
Noise Figure (NF)	
NF @ 800 MHz:	1.2 dB
NF @ 900 MHz:	1.0 dB
P1dB @ 800 MHz	10.0 dBm
Return Loss	
Input/Output	< -10.0 dB
Current: 10mA @ 3.0 V	Power supply

Body: 150 x 149
Leadframe: width 16, length 40, lead pitch 50.



Four plots showing S-parameters and noise figure for a two-port network. The x-axis for all plots is frequency in GHz, ranging from 0.70 to 1.00.

- Top-left plot:** S21 (dB) vs freq (GHz). The magenta line shows a decrease from approximately 20 dB at 0.70 GHz to about 16.5 dB at 1.00 GHz.
- Top-right plot:** NF (dB) vs freq (GHz). The red line shows a decrease from approximately 1.4 dB at 0.70 GHz to about 1.05 dB at 1.00 GHz. Two points are marked: m12 at 0.80 GHz and m13 at 0.90 GHz.
- Bottom-left plot:** S11 (dB) vs freq (GHz). The blue line shows a decrease from approximately -9 dB at 0.70 GHz to about -20 dB at 0.95 GHz, then rises to about -17 dB at 1.00 GHz.
- Bottom-right plot:** S22 (dB) vs freq (GHz). The cyan line shows a decrease from approximately -12 dB at 0.70 GHz to about -20 dB at 0.80 GHz, then rises to about -18 dB at 1.00 GHz.