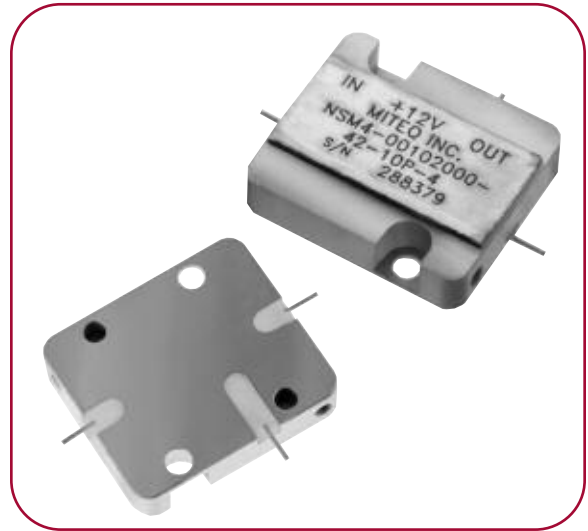


# CONNECTORIZED/SURFACE MOUNT AMPLIFIERS

## NSM SERIES

### FEATURES

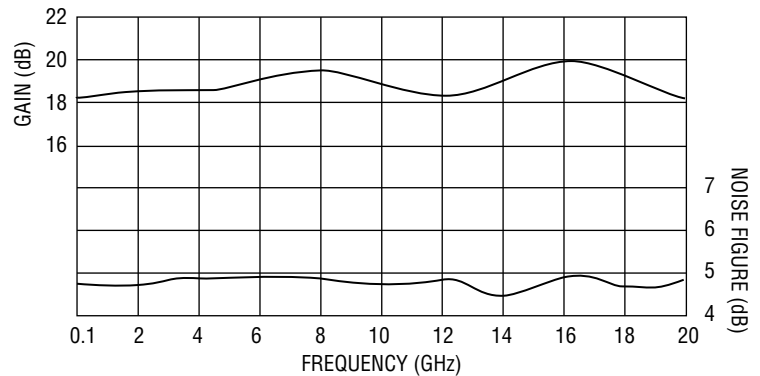
- Removable SMA connectors, test fixture, and EMI DC feedthru
- Usable as a true surface mount
- Hermetically sealed housings even for commercial applications
- 0-80 mounting hardware included
- Various bandwidth, gain, noise figure, power and VSWR options available



### TEST/MOUNTING FIXTURE



### NSM4-00102000-50-8P-4 TYPICAL DATA



MODEL NUMBER	FREQUENCY RANGE (GHz)	GAIN (dB, Min.)	GAIN FLATNESS (±dB, Max.)	NOISE FIGURE (dB, Max.)	VSWR IN/OUT (Max.)	OUTPUT POWER @ 1 dB COMP. (dBm, Min.)	NOM. DC POWER (+15 V, mA)
NSM3-01000200-10-S-4	1-2	32	1	1	2:1	10	150
NSM3-02000400-12-S-4	2-4	30	1	1.2	2:1	10	150
NSM3-02000600-13-10P-4	2-6	24	1	1.3	2:1	10	100
NSM3-04000800-10-S-4	4-8	24	1	1	2:1	10	100
NSM3-02000800-14-10P-4	2-8	24	1	1.4	2:1	10	100
NSM3-00100200-14-10P-4	0.1-2	30	1	1.4	2:1	10	150
NSM3-00100400-14-10P-4	0.1-4	24	1	1.4	2:1	10	100
NSM3-00100600-15-10P-4	0.1-6	24	1.5	1.5	2:1	10	100
NSM3-00100800-18-10P-4	0.1-8	24	1.5	1.8	2:1	10	100
NSM4-00101000-26-10P-4	0.1-10	24	1.5	2.6	2:1	10	150
NSM4-00101200-28-10P-4	0.1-12	24	1.5	2.8*	2:1	10	150
NSM4-00101800-45-8P-4	0.1-18	22	2.5	4.5*	2.2:1	8	150
NSM4-00102000-50-8P-4	0.1-20	18	2.5	5*	2.5:1	8	175

\* Noise figure increases below 500 MHz.  
NOTE: See page 64 for outline.