

## LOW-NOISE AMPLIFIERS (CONT.)

| MODEL NUMBER                                      | OPERATING FREQUENCY (GHz) | GAIN (dB, Min.) | GAIN FLATNESS ( $\pm$ dB, Max.) | NOISE FIGURE (dB, Max.) | OUTPUT POWER (dBm, Min.) | VSWR IN/OUT (Max.) | DC POWER @ +15 V (mA, Nom.) | OUTLINE DRAWING |
|---|---------------------------|-----------------|---------------------------------|-------------------------|--------------------------|--------------------|-----------------------------|-----------------|
| <b>MODERATE BAND LOW-NOISE AMPLIFIERS (CONT.)</b> |                           |                 |                                 |                         |                          |                    |                             |                 |
| AMF-2F-145155-15-5P                               | 14.5 - 15.5               | 15              | 0.50                            | 1.50                    | +5                       | 2.00 :1            | 80                          | 122686          |
| AMF-3F-145155-13-10P                              | 14.5 - 15.5               | 23              | 0.50                            | 1.30                    | +10                      | 1.50 :1            | 125                         | 121622          |
| AMF-4F-145155-13-10P                              | 14.5 - 15.5               | 30              | 0.50                            | 1.30                    | +10                      | 1.50 :1            | 150                         | 121623-4        |
| AMF-5F-145155-13-10P                              | 14.5 - 15.5               | 35              | 0.50                            | 1.30                    | +10                      | 1.50 :1            | 175                         | 121623-5        |
| AMF-2F-170175-17-5P                               | 17 - 17.5                 | 13              | 0.50                            | 1.70                    | +5                       | 2.00 :1            | 80                          | 122686          |
| AMF-4F-170175-15-10P                              | 17 - 17.5                 | 30              | 0.50                            | 1.50                    | +10                      | 1.50 :1            | 150                         | 121623-4        |
| AMF-5F-170175-15-10P                              | 17 - 17.5                 | 35              | 0.50                            | 1.50                    | +10                      | 1.50 :1            | 175                         | 121623-5        |
| AMF-3F-170175-15-10P                              | 17 - 17.5                 | 24              | 0.50                            | 1.50                    | +10                      | 1.50 :1            | 125                         | 121622          |
| AMF-2F-175220-25-5P                               | 17.5 - 22                 | 12              | 2.00                            | 2.50                    | +5                       | 2.00 :1            | 80                          | 122686          |
| AMF-3F-175220-22-8P                               | 17.5 - 22                 | 20              | 1.50                            | 2.20                    | +8                       | 2.00 :1            | 100                         | 121622          |
| AMF-4F-175220-20-10P                              | 17.5 - 22                 | 27              | 1.50                            | 2.00                    | +10                      | 2.00 :1            | 150                         | 121623-4        |
| AMF-5F-175220-20-10P                              | 17.5 - 22                 | 34              | 1.50                            | 2.00                    | +10                      | 2.00 :1            | 175                         | 121623-5        |
| AMF-2F-177197-20-5P                               | 17.7 - 19.7               | 12              | 1.50                            | 2.00                    | +5                       | 2.00 :1            | 80                          | 122686          |
| AMF-3F-177197-17-8P                               | 17.7 - 19.7               | 20              | 1.00                            | 1.70                    | +8                       | 2.00 :1            | 100                         | 121622          |
| AMF-4F-177197-15-10P                              | 17.7 - 19.7               | 28              | 1.00                            | 1.50                    | +10                      | 2.00 :1            | 150                         | 121623-4        |
| AMF-5F-177197-15-10P                              | 17.7 - 19.7               | 35              | 1.00                            | 1.50                    | +10                      | 2.00 :1            | 175                         | 121623-5        |
| AMF-2F-180200-20-5P                               | 18 - 20                   | 12              | 1.50                            | 2.00                    | +5                       | 2.00 :1            | 80                          | 122686          |
| AMF-3F-180200-17-8P                               | 18 - 20                   | 20              | 1.00                            | 1.70                    | +8                       | 2.00 :1            | 100                         | 121622          |
| AMF-4F-180200-15-10P                              | 18 - 20                   | 27              | 1.00                            | 1.50                    | +10                      | 2.00 :1            | 150                         | 121623-4        |
| AMF-5F-180200-15-10P                              | 18 - 20                   | 34              | 1.00                            | 1.50                    | +10                      | 2.00 :1            | 175                         | 121623-5        |
| AMF-2F-180220-24-5P                               | 18 - 22                   | 12              | 2.00                            | 2.40                    | +5                       | 2.00 :1            | 80                          | 122686          |
| AMF-3F-180220-21-8P                               | 18 - 22                   | 20              | 1.50                            | 2.10                    | +8                       | 2.00 :1            | 100                         | 121622          |
| AMF-4F-180220-19-10P                              | 18 - 22                   | 27              | 1.50                            | 1.90                    | +10                      | 2.00 :1            | 150                         | 121623-4        |
| AMF-5F-180220-19-10P                              | 18 - 22                   | 34              | 1.50                            | 1.90                    | +10                      | 2.00 :1            | 175                         | 121623-5        |
| AMF-2F-210240-27-5P                               | 21 - 24                   | 10              | 2.00                            | 2.70                    | +5                       | 2.00 :1            | 80                          | 122686          |
| AMF-3F-210240-23-8P                               | 21 - 24                   | 18              | 1.40                            | 2.30                    | +8                       | 2.00 :1            | 100                         | 121622          |
| AMF-4F-210240-20-10P                              | 21 - 24                   | 26              | 1.50                            | 2.00                    | +10                      | 2.00 :1            | 150                         | 121623-4        |
| AMF-5F-210240-20-10P                              | 21 - 24                   | 31              | 1.50                            | 2.00                    | +10                      | 2.00 :1            | 175                         | 121623-5        |
| AMF-2F-220265-35-0P                               | 22 - 26.5                 | 10              | 2.00                            | 3.50                    | 0                        | 2.00 :1            | 80                          | 122686          |
| AMF-3F-220265-30-5P                               | 22 - 26.5                 | 18              | 1.50                            | 3.00                    | +5                       | 2.00 :1            | 100                         | 121622          |
| AMF-4F-220265-25-10P                              | 22 - 26.5                 | 26              | 1.50                            | 2.50                    | +10                      | 2.00 :1            | 150                         | 121623-4        |
| AMF-5F-220265-25-10P                              | 22 - 26.5                 | 31              | 1.50                            | 2.50                    | +10                      | 2.00 :1            | 175                         | 121623-5        |
| AMF-3D-265330-40-12P                              | 26.5 - 33                 | 18              | 1.50                            | 4.00                    | +12                      | 2.00 :1            | 135                         | 127197          |
| AMF-4D-265330-40-12P                              | 26.5 - 33                 | 24              | 1.50                            | 4.00                    | +12                      | 2.00 :1            | 180                         | 127198          |
| AMF-3D-300330-40-12P                              | 30 - 33                   | 18              | 1.50                            | 4.00                    | +12                      | 2.00 :1            | 135                         | 127197          |
| AMF-4D-300330-40-12P                              | 30 - 33                   | 24              | 1.50                            | 4.00                    | +12                      | 2.00 :1            | 180                         | 127198          |
| AMF-3D-340360-45-12P                              | 34 - 36                   | 18              | 1.50                            | 4.50                    | +12                      | 2.00 :1            | 135                         | 127197          |
| AMF-4D-340360-45-12P                              | 34 - 36                   | 23              | 1.50                            | 4.00                    | +12                      | 2.00 :1            | 180                         | 127198          |
| AMF-3D-350360-45-12P                              | 35 - 36                   | 18              | 1.50                            | 4.50                    | +12                      | 2.00 :1            | 135                         | 127197          |
| AMF-4D-350360-45-12P                              | 35 - 36                   | 23              | 1.50                            | 4.00                    | +12                      | 2.00 :1            | 180                         | 127198          |
| AMF-4D-300400-45-12P                              | 30 - 40                   | 23              | 1.50                            | 4.50                    | +12                      | 2.50 :1            | 180                         | 127198          |
| AMF-5D-300400-45-12P                              | 30 - 40                   | 27              | 1.50                            | 4.50                    | +12                      | 2.50 :1            | 225                         | 127199          |