

## Cellular Low Noise Amplifier

### Key Features:

- Low 0.7 dB noise figure
- Wide range of supply voltages available
- High dynamic range
- TNC connectors



| Electrical Parameters            | Units | Min.                     | Typ.  | Max.  |
|----------------------------------|-------|--------------------------|-------|-------|
| @24 VDC, 25°C Baseplate          |       |                          |       |       |
| Frequency                        | MHz   | 806                      |       | 850   |
| Gain                             | dB    | 8.0                      | 8.75  | 10.0  |
| Flatness                         | +/-dB |                          |       | 0.5   |
| Noise Figure                     | dB    |                          | 0.7   | 0.8   |
| Input VSWR                       |       |                          | 1.8:1 | 2.0:1 |
| Output VSWR                      |       |                          | 1.5:1 | 2.0:1 |
| Output Power, 1 dB Gain Comp.    | dBm   | 12.0                     |       |       |
| Output Third Order Intercept Pt. | dBm   | 22.0                     | 24.0  |       |
| Bias Current                     | mA    |                          | 40    |       |
| Stability                        |       | Unconditional            |       |       |
| Physical Parameters              |       |                          |       |       |
| Size                             |       | 3.00" x 1.50" x 0.75"    |       |       |
| RF Connectors                    |       | TNC (F)                  |       |       |
| DC Connectors                    |       | Solder (Filter Feedthru) |       |       |

