

B-74-09-51

T-74-09-01

## HF - VHF - UHF - P Band High Intercept Low Noise Amplifiers

1-2000MHz

15VDC

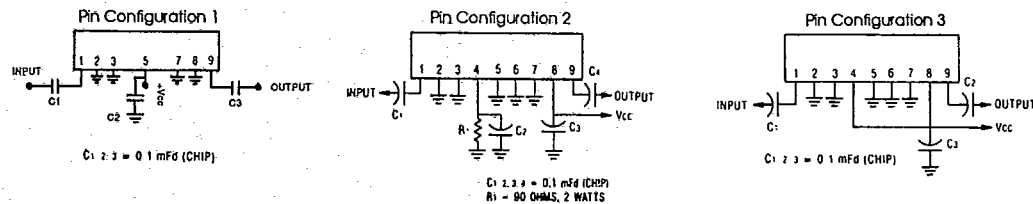
Specifications @ 25°C

| Model No.  | Freq.<br>(MHz) | IP3<br>(dbm)<br>Typ. | IP2<br>(dbm)<br>Typ. | Gain<br>(db)<br>Typ. | N.F.<br>(db)<br>max. | DC<br>(ma)<br>NOM. | P1db<br>(dbm)<br>min. | Outline<br>Dwg. | Pin<br>Config. |
|------------|----------------|----------------------|----------------------|----------------------|----------------------|--------------------|-----------------------|-----------------|----------------|
| BR02030L2S | 1-32           | +51                  | + 85                 | 16                   | 4.0                  | 230                | +30                   | OL2             | -              |
| BR01003250 | 2-32           | +51                  | + 85                 | 16                   | 4.0                  | 230                | +30                   | OL1             | 1              |
| BR01003251 | 2-32           | +53                  | +110                 | 15                   | 5.5                  | 440                | +32                   | OL4             | -              |
| BR01020050 | 2-200          | +44                  | + 76                 | 16                   | 5.8                  | 230                | +29                   | OL1             | 1              |
| BR01020055 | 2-200          | +43                  | + 76                 | 35                   | 4.5                  | 340                | +29                   | OL1             | 1              |
| BR01003249 | 2-250          | +42                  | + 74                 | 18                   | 4.1                  | 120                | +25                   | OL1             | 1              |
| BR10030070 | 10-300         | +40                  | + 75                 | 16                   | 6.2                  | 230                | +28                   | OL1             | 1              |
| BR10030071 | 10-300         | +40                  | + 73                 | 34                   | 4.2                  | 350                | +28                   | OL1             | 1              |
| BR20050070 | 10-500         | +33                  | + 68                 | 14                   | 3.0                  | 60                 | +17                   | OL2             | -              |
| BR20050074 | 10-500         | +38                  | + 73                 | 10                   | 5.8                  | 120                | +20                   | OL2             | -              |
| BR20050078 | 20-500         | +38                  | + 72                 | 18                   | 5.6                  | 200                | +25                   | OL1             | 1              |
| BR30020350 | 20-500         | +38                  | + 73                 | 18                   | 4.8                  | 200                | +25                   | OL1             | -              |
| BR30020430 | 30-500         | +42                  | + 55                 | 12                   | 3.8                  | 175                | +26                   | OL2             | -              |
| BR30020450 | 30-500         | +44                  | + 80                 | 10                   | 4.5                  | 350                | +29                   | OL2             | -              |
| BR30020650 | 100-1000       | +41                  | + 54                 | 12                   | 3.4                  | 175                | +26                   | OL2             | -              |
| BR30020600 | 100-1000       | +43                  | + 72                 | 10                   | 4.3                  | 350                | +29                   | OL2             | -              |
| BR30020500 | 20-1000        | +41                  | + 54                 | 12                   | 4.0                  | 175                | +26                   | OL2             | -              |
| BR30020550 | 20-1000        | +43                  | + 72                 | 10                   | 5.0                  | 350                | +28                   | OL2             | -              |
| BR10100030 | 10-1000        | +33                  | + 47                 | 12                   | 3.8                  | 40                 | +16                   | OL2             | -              |
| BR10100031 | 10-1000        | +35                  | + 70                 | 10                   | 5.0                  | 80                 | +18                   | OL2             | -              |
| BR10100040 | 10-1000        | +37                  | + 68                 | 9                    | 6.8                  | 180                | +23                   | OL2             | -              |
| BR10100045 | 10-1000        | +43                  | + 72                 | 30                   | 6.0                  | 950                | +30                   | OL3             | -              |
| BR10100047 | 10-1000        | +43                  | + 60                 | 35                   | 4.5                  | 800                | +29                   | OL2             | -              |
| BR10100085 | 10-1000        | +44                  | + 73                 | 15                   | 8.0                  | 750                | +29                   | OL1             | 3              |
| BR10100086 | 10-1000        | +46                  | + 85                 | 13                   | 9.5                  | 1500               | +31                   | OL4             | -              |
| BR10100058 | 20-1000        | +30                  | + 45                 | 11                   | 4.2                  | 60                 | +17                   | OL2             | -              |
| BR10120058 | 20-1000        | +33                  | + 70                 | 10                   | 5.3                  | 120                | +19                   | OL2             | -              |
| BR10120057 | 50-1200        | +41                  | + 66                 | 24                   | 4.8                  | 850                | +29                   | OL3             | -              |
| BR10120053 | 10-1200        | +30                  | + 42                 | 11                   | 5.4                  | 50                 | +16                   | OL2             | -              |
| BR10120055 | 10-1200        | +43                  | + 72                 | 15                   | 8.5                  | 750                | +30                   | OL1             | 3              |
| BR10120056 | 10-1200        | +45                  | + 84                 | 13                   | 10.0                 | 1500               | +31                   | OL4             | -              |
| BR02150078 | 20-2000        | +38                  | + 53                 | 12                   | 4.2                  | 175                | +26                   | OL2             | -              |
| BR10200060 | 30-2000        | +38                  | + 52                 | 21                   | 3.4                  | 250                | +26                   | OL2             | -              |
| BR10200064 | 100-2000       | +37                  | + 53                 | 23                   | 3.8                  | 300                | +26                   | OL2             | -              |
| BR00200072 | 1-2000         | +30                  | + 41                 | 16                   | 7.0                  | 100                | +15                   | OL2             | -              |

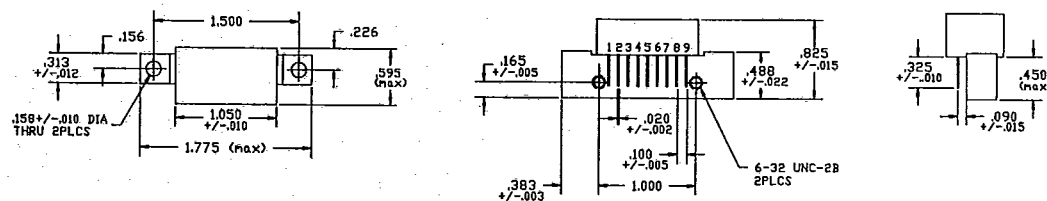
Specifications Subject To Change Without Notice

T-9D-20

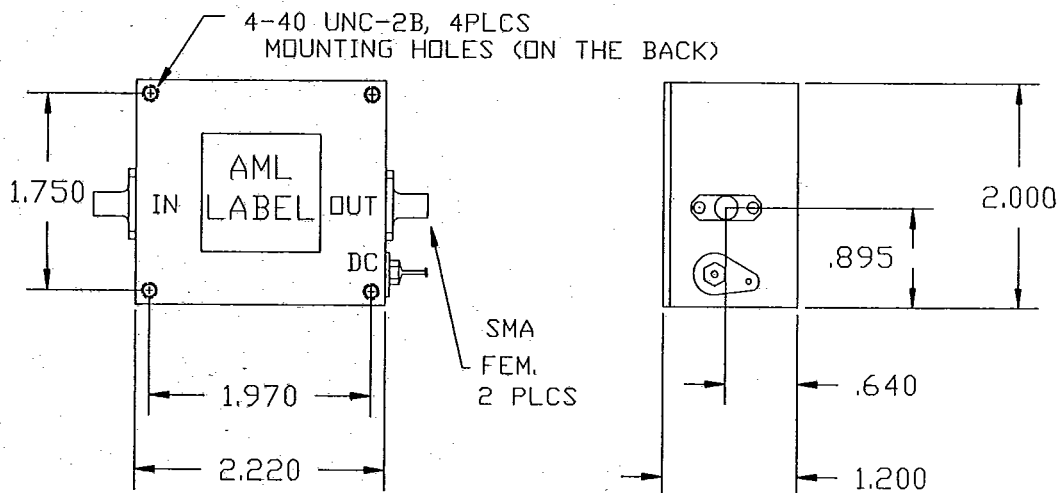
## Pin Configurations



## Outline Drawings



## OL 1



## OL 2