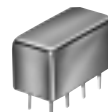


### High Pass 16.5 MHz to 2.2 GHz

#### SURFACE MOUNT



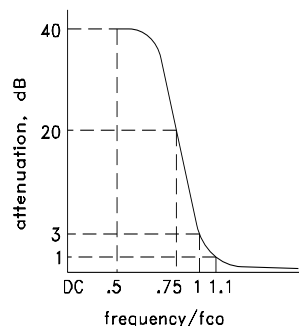
SCHF



PHP

| MODEL NO.   | STOP BAND, MHz |                | fco, MHz Nom. | PASSBAND, MHz | VSWR     |          | CASE STYLE | CONNECTION | PRICE \$   |
|-------------|----------------|----------------|---------------|---------------|----------|----------|------------|------------|------------|
|             | (loss > 40dB)  | (loss > 20 dB) |               |               | Stopband | Passband |            |            |            |
|             |                |                | (loss 3 dB)   | (loss < 1 dB) | Typ.     | Typ.     | Note B     |            | Qty. (1-9) |
| NEW SCHF-17 | DC-9           | 9-13           | 16.5          | 18-200        | 18:1     | 1.25:1   | YY161      | cr         | 15.95      |
| SCHF-25     | DC-13          | 13-19          | 25            | 27.5-200      | 18:1     | 1.3:1    | YY161      | cr         | 14.95      |
| SCHF-300    | DC-145         | 145-190        | 245           | 290-1200      | 18:1     | 1.5:1    | YY161      | cr         | 14.95      |
| PHP-25      | DC-13          | 13-19          | 25            | 27.5-200      | 18:1     | 1.7:1    | A01        | cr         | 16.95      |
| PHP-50      | DC-20          | 20-26          | 37            | 41-200        | 17:1     | 1.5:1    | A01        | cr         | 14.95      |
| PHP-100     | DC-40          | 40-55          | 82            | 90-400        | 17:1     | 1.5:1    | A01        | cr         | 14.95      |
| PHP-150     | DC-70          | 70-95          | 120           | 133-600       | 17:1     | 1.8:1    | A01        | cr         | 14.95      |
| PHP-175     | DC-70          | 70-105         | 140           | 160-800       | 17:1     | 1.5:1    | A01        | cr         | 14.95      |
| PHP-200     | DC-90          | 90-116         | 164           | 185-800       | 17:1     | 1.6:1    | A01        | cr         | 14.95      |
| PHP-250     | DC-100         | 100-150        | 205           | 225-1200      | 17:1     | 1.3:1    | A01        | cr         | 14.95      |
| PHP-300     | DC-145         | 145-170        | 245           | *290-1200     | 17:1     | 1.7:1    | A01        | cr         | 14.95      |
| PHP-400     | DC-210         | 210-290        | 360           | 395-1600      | 17:1     | 1.7:1    | A01        | cr         | 14.95      |
| PHP-500     | DC-280         | 280-365        | 454           | 500-1600      | 17:1     | 1.9:1    | A01        | cr         | 14.95      |
| PHP-600     | DC-350         | 350-440        | 545           | 600-1600      | 17:1     | 2.0:1    | A01        | cr         | 14.95      |
| PHP-700     | DC-400         | 400-520        | 640           | 700-1800      | 17:1     | 1.6:1    | A01        | cr         | 14.95      |
| PHP-800     | DC-445         | 445-570        | 710           | 780-2000      | 17:1     | 2.1:1    | A01        | cr         | 14.95      |
| PHP-900     | DC-520         | 520-660        | 820           | 910-2100      | 17:1     | 1.8:1    | A01        | cr         | 14.95      |
| PHP-1000    | DC-550         | 550-720        | 900           | 1000-2200     | 17:1     | 1.9:1    | A01        | cr         | 14.95      |

#### high pass typical frequency response



#### NOTES:

- \* Insertion loss 1.5 dB maximum
- ☐ Non-hermetic
- A. General Quality Control Procedures, Environmental Specifications, Hi-Rel and MIL description are given in section 0, see "Mini-Circuits Guarantees Quality" article.
- B. Connector types and case mounted options, case finishes are given in section 0, see "Case styles & outline drawings".
- C. Prices and specifications subject to change without notice.
- 1. Absolute maximum power, voltage and current rating:
  - 1a. RF power, 0.5 Watt
- 2. Models are available with male/female coax connectors, for other configurations and inter-series versions consult factory. See section 0, case styles and outline drawings.

#### pin connections

see case style outline drawings

| PORT   | cr          |
|--------|-------------|
| INPUT  | 1           |
| OUTPUT | 8           |
| GND    | 2,3,4,5,6,7 |

#### NSN GUIDE

| MCL NO. | NSN              |
|---------|------------------|
| BHP-25  | 5915-01-425-7519 |
| SHP-200 | 5915-01-360-0677 |

## Plug-In & Coaxial



| MODEL NO. | STOP BAND, MHz |                | fco, MHz Nom. | PASSBAND, MHz | VSWR     |          | CASE STYLE | CONNECTION | PRICE \$   |
|-----------|----------------|----------------|---------------|---------------|----------|----------|------------|------------|------------|
|           | (loss > 40dB)  | (loss > 20 dB) | (loss 3 dB)   | (loss < 1 dB) | Stopband | Passband | Note B     |            |            |
|           |                |                |               |               | Typ.     | Typ.     |            |            | Qty. (1-9) |
| BHP-25    | DC-13          | 13- 19         | 25            | 27.5-200      | 18:1     | 1.7:1    | FF55       | —          | 38.95      |
| BHP-50    | DC-20          | 20- 26         | 37            | 41-200        | 17:1     | 1.5:1    | FF55       | —          | 36.95      |
| BHP-100   | DC-40          | 40- 55         | 82            | 90-400        | 17:1     | 1.5:1    | FF55       | —          | 36.95      |
| BHP-150   | DC-70          | 70- 95         | 120           | 133-600       | 17:1     | 1.8:1    | FF55       | —          | 36.95      |
| BHP-175   | DC-70          | 70-105         | 140           | 160-800       | 17:1     | 1.5:1    | FF55       | —          | 36.95      |
| BHP-200   | DC-90          | 90-116         | 164           | 185-800       | 17:1     | 1.6:1    | FF55       | —          | 36.95      |
| BHP-250   | DC-100         | 100-150        | 205           | 225-1200      | 17:1     | 1.3:1    | FF55       | —          | 36.95      |
| BHP-300   | DC-145         | 145-190        | 245           | *290-1200     | 17:1     | 1.7:1    | FF55       | —          | 36.95      |
| BHP-400   | DC-210         | 210-290        | 360           | 395-1600      | 17:1     | 1.7:1    | FF55       | —          | 36.95      |
| BHP-500   | DC-280         | 280-365        | 454           | 500-1600      | 17:1     | 1.9:1    | FF55       | —          | 36.95      |
| BHP-600   | DC-350         | 350-440        | 545           | 600-1600      | 17:1     | 2.0:1    | FF55       | —          | 36.95      |
| BHP-700   | DC-400         | 400-520        | 640           | 700-1800      | 17:1     | 1.6:1    | FF55       | —          | 36.95      |
| BHP-800   | DC-445         | 445-570        | 710           | 780-2000      | 17:1     | 2.1:1    | FF55       | —          | 36.95      |
| BHP-900   | DC-520         | 520-660        | 820           | 910-2100      | 17:1     | 1.8:1    | FF55       | —          | 36.95      |
| BHP-1000  | DC-550         | 550-720        | 900           | 1000-2200     | 17:1     | 1.9:1    | FF55       | —          | 36.95      |
| NHP-25    | DC-13          | 13- 19         | 25            | 27.5-200      | 18:1     | 1.7:1    | FF57       | —          | 39.95      |
| NHP-50    | DC-20          | 20- 26         | 37            | 41-200        | 17:1     | 1.5:1    | FF57       | —          | 39.95      |
| NHP-100   | DC-40          | 40- 55         | 82            | 90-400        | 17:1     | 1.5:1    | FF57       | —          | 39.95      |
| NHP-150   | DC-70          | 70- 95         | 120           | 133-600       | 17:1     | 1.8:1    | FF57       | —          | 39.95      |
| NHP-175   | DC-70          | 70-105         | 140           | 160-800       | 17:1     | 1.5:1    | FF57       | —          | 39.95      |
| NHP-200   | DC-90          | 90-116         | 164           | 185-800       | 17:1     | 1.6:1    | FF57       | —          | 39.95      |
| NHP-250   | DC-100         | 100-150        | 205           | 225-1200      | 17:1     | 1.3:1    | FF57       | —          | 39.95      |
| NHP-300   | DC-145         | 145-190        | 245           | *290-1200     | 17:1     | 1.7:1    | FF57       | —          | 39.95      |
| NHP-400   | DC-210         | 210-290        | 360           | 395-1600      | 17:1     | 1.7:1    | FF57       | —          | 39.95      |
| NHP-500   | DC-280         | 280-365        | 454           | 500-1600      | 17:1     | 1.9:1    | FF57       | —          | 39.95      |
| NHP-600   | DC-350         | 350-440        | 545           | 600-1600      | 17:1     | 2.0:1    | FF57       | —          | 39.95      |
| NHP-700   | DC-400         | 400-520        | 640           | 700-1800      | 17:1     | 1.6:1    | FF57       | —          | 39.95      |
| NHP-800   | DC-445         | 445-570        | 710           | 780-2000      | 17:1     | 2.1:1    | FF57       | —          | 39.95      |
| NHP-900   | DC-520         | 520-660        | 820           | 910-2100      | 17:1     | 1.8:1    | FF57       | —          | 39.95      |
| NHP-1000  | DC-550         | 550-720        | 900           | 1000-2200     | 17:1     | 1.9:1    | FF57       | —          | 39.95      |
| SHP-25    | DC-13          | 13- 19         | 25            | 27.5-200      | 18:1     | 1.7:1    | FF99       | —          | 38.95      |
| SHP-50    | DC-20          | 20- 26         | 37            | 41-200        | 17:1     | 1.5:1    | FF99       | —          | 38.95      |
| SHP-100   | DC-40          | 40- 55         | 82            | 90-400        | 17:1     | 1.5:1    | FF99       | —          | 38.95      |
| SHP-150   | DC-70          | 70- 95         | 120           | 133-600       | 17:1     | 1.8:1    | FF99       | —          | 38.95      |
| SHP-175   | DC-70          | 70-105         | 140           | 160-800       | 17:1     | 1.5:1    | FF99       | —          | 38.95      |
| SHP-200   | DC-90          | 90-116         | 164           | 185-800       | 17:1     | 1.6:1    | FF99       | —          | 38.95      |
| SHP-250   | DC-100         | 100-150        | 205           | 225-1200      | 17:1     | 1.3:1    | FF99       | —          | 38.95      |
| SHP-300   | DC-145         | 145-190        | 245           | *290-1200     | 17:1     | 1.7:1    | FF99       | —          | 38.95      |
| SHP-400   | DC-210         | 210-290        | 360           | 395-1600      | 17:1     | 1.7:1    | FF99       | —          | 38.95      |
| SHP-500   | DC-280         | 280-365        | 454           | 500-1600      | 17:1     | 1.9:1    | FF99       | —          | 38.95      |
| SHP-600   | DC-350         | 350-440        | 545           | 600-1600      | 17:1     | 2.0:1    | FF99       | —          | 38.95      |
| SHP-700   | DC-400         | 400-520        | 640           | 700-1800      | 17:1     | 1.6:1    | FF99       | —          | 38.95      |
| SHP-800   | DC-445         | 445-570        | 710           | 780-2000      | 17:1     | 2.1:1    | FF99       | —          | 38.95      |
| SHP-900   | DC-520         | 520-660        | 820           | 910-2100      | 17:1     | 1.8:1    | FF99       | —          | 38.95      |
| SHP-1000  | DC-550         | 550-720        | 900           | 1000-2200     | 17:1     | 1.9:1    | FF99       | —          | 38.95      |