

# Band Pass Filter

# BPF-EDU1953

## Surface Mount

### Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

Please click "Back", and then click "Contact Us" for Applications support.



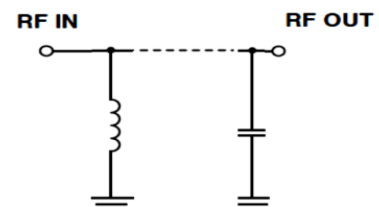
99-01-OPU518

### ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

| Parameter                     | Min. | Typ. | Max. | Units |
|-------------------------------|------|------|------|-------|
| Passband<br>(Loss - 6 dB Typ) | 101  |      | 107  | MHz   |
| Centre frequency              |      | 104  |      | MHz   |
| Low Band (Loss > 20 dB)       | DC   | 94   |      | MHz   |
| High Band (Loss > 20 dB)      |      | 114  | 2000 | MHz   |
| Passband VSWR                 |      | 1.9  |      | (:1)  |
| Stopband VSWR                 |      | 20   |      | (:1)  |

### Functional Schematic

| MAXIMUM RATINGS       |                |
|-----------------------|----------------|
| Operating Temperature | -40°C to 85°C  |
| Storage Temperature   | -55°C to 100°C |
| RF Power Input        | 0.1 W          |



### PIN CONNECTIONS

|        |                  |
|--------|------------------|
| Input  | 1                |
| Output | 6                |
| Ground | 2,3,4,5,7,8,9,10 |