

## Engineering Development Model

# Low Pass Filter SMT

# LFCN-ED13263/2

### 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.



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CASE STYLE : FV1206

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C |      |           |      |       |
|---------------------------------------|------|-----------|------|-------|
| Parameter                             | Min. | Typ.      | Max. | Units |
| Passband<br>(Loss < 1 dB)             | 10   |           | 1000 | MHz   |
| fco Nom.<br>(Loss 3 dB)               | --   | 1300      | --   | MHz   |
| Stopband<br>F 20 (loss, dB)           | 1550 | --        | --   | MHz   |
| 30 (loss, dB)                         | --   | 1900-5000 | --   | MHz   |
| FR 20 (loss, dB)                      | --   | 5500      | --   | MHz   |
| Passband VSWR                         | --   | 1.3       | --   | (:1)  |
| Stopband VSWR                         | --   | 20        | --   | (:1)  |

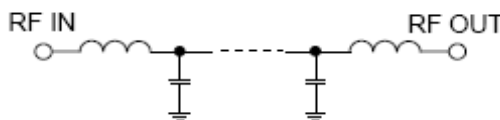
| MAXIMUM RATINGS       |                |
|-----------------------|----------------|
| Operating Temperature | -55°C to 100°C |
| Storage Temperature   | -55°C to 100°C |
| RF Power Input*       | 10W at 25°C    |

\*Derate linearly to 3.5W at 100°C ambient.

| PIN CONNECTIONS |     |
|-----------------|-----|
| RF IN           | 1** |
| RF OUT          | 3** |
| GROUND          | 2,4 |

\*\*RF IN & RF OUT can be interchanged.

### Functional Schematic



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RF/MICROWAVE COMPONENTS

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