

# Engineering Development Model

## Low Pass Filter SMT

## LFCN-ED13263/5

### 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 < 1.2 dB)           | 10   |           | 2200 | MHz   |
| fco Nom.<br>(Loss 3 dB)               | --   | 2575      | --   | MHz   |
| Stopband<br>F 20 (loss, dB)           | 2900 | --        | --   | MHz   |
| 30 (loss, dB)                         | --   | 3000-5000 | --   | MHz   |
| FR 20 (loss, dB)                      | --   | 7200      | --   | MHz   |
| Passband VSWR                         | --   | 1.2       | --   | (:1)  |
| Stopband VSWR                         | --   | 20        | --   | (:1)  |

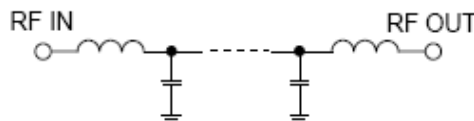
| MAXIMUM RATINGS       |                |
|-----------------------|----------------|
| Operating Temperature | -55°C to 100°C |
| Storage Temperature   | -55°C to 100°C |
| RF Power Input*       | 10W at 25°C    |

\*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



P.O. Box 350168, Brooklyn, New York 11235-0000 (718) 934-4500 Fax (718) 332-4951 For detailed performance specs & shopping online see Mini-Circuits web site  
The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINICIRCUITS At: [www.minicircuits.com](http://www.minicircuits.com)

IF/RF MICROWAVE COMPONENTS



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