

The wise choice



# Micro-Tronics

for all your filter needs

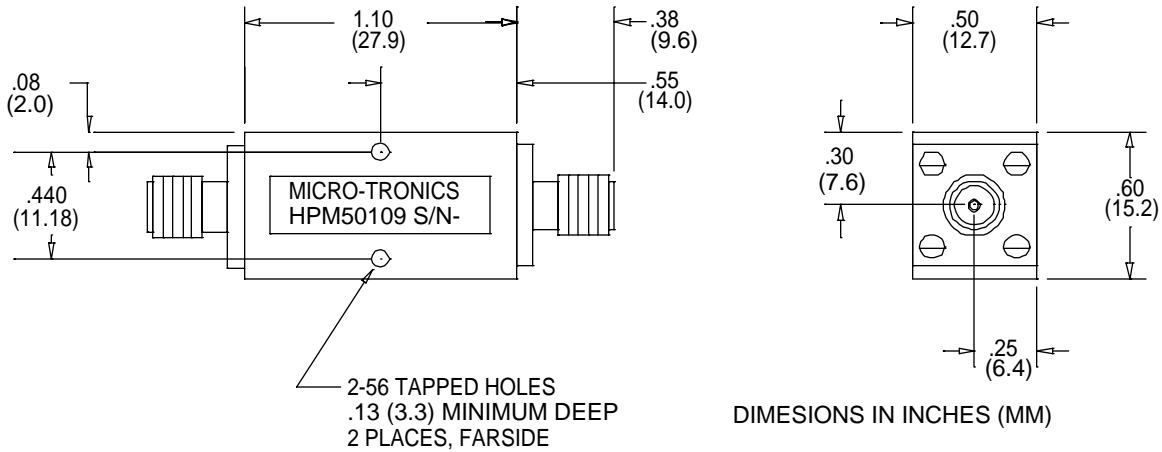
Micro-Tronics is an operating division of O.M. Jones, Inc.

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## -Model HPM50109



Micro-Tronics Model HPM50109 was specifically designed to reject DC to 900 MHz and pass 1800 MHz while maintaining low insertion loss and a broad upper passband. The basic highpass filter design can also be adapted to custom applications.

| Specifications:          |                         |
|--------------------------|-------------------------|
| Passband (MHz)           | 1800 to 13000           |
| Passband Insertion Loss: | 1.5 dB maximum          |
| Passband VSWR:           | 2.0:1 maximum           |
| Stopband:                | 60 dB min from 0 to 900 |
| Operating Power:         | 2W max                  |

### Connectors:

#### Model #:

|              |                         |
|--------------|-------------------------|
| HPM50109:    | SMA Female – SMA Female |
| HPM50109-01: | SMA Male – SMA Female   |
| HPM50109-02: | SMA Female – SMA Male   |
| HPM50109-03: | SMA Male – SMA Male     |

13 Feb 2008 17:03:43

|     |     |     |                |    |            |
|-----|-----|-----|----------------|----|------------|
| CH1 | S11 | LOG | 5 dB/REF 0 dB  | M1 | -24.963 dB |
| CH2 | S21 | LOG | 10 dB/REF 0 dB | M2 | -30.900 dB |
| CH3 | S22 | LOG | 5 dB/REF 0 dB  | M3 | -23.384 dB |

1.000 000 000 GHz

