

6SFB-00019

➤ Features:

- High Q Narrow Band Filters
- LVTTTL Control
- Low Insertion Loss
- 80 dB Stopbands
- 7 – 9 GHz



➤ Specifications:

| | CHANNEL 1 | CHANNEL 2 | CHANNEL 3 | CHANNEL 4 | CHANNEL 5 | CHANNEL 6 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| PASSBAND FREQUENCY (FO) | 7360 MHz | 7650 MHz | 7970 MHz | 8320 MHz | 8640 MHz | 8065 MHz |
| Control Logic | E3 0 0 0 E1 | E3 0 0 1 E1 | E3 0 1 0 E1 | E3 0 1 1 E1 | E3 1 0 0 E1 | E3 1 0 1 E1 |

| | | | | | | |
|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| MINIMUM 1 dB BW | 320 MHz | 380 MHz | 380 MHz | 360 MHz | 360 MHz | 650 MHz |
| MAX INSERTION LOSS @ FO | 5.0 dB Max | 5.0 dB Max | 5.0 dB Max | 5.0 dB Max | 5.0 dB Max | 5.0 dB Max |
| PASSBAND VSWR | 2.0:1 MAX (-9.54 dBr Min) | 2.0:1 MAX (-9.54 dBr Min) | 2.0:1 MAX (-9.54 dBr Min) | 2.0:1 MAX (-9.54 dBr Min) | 2.0:1 MAX (-9.54 dBr Min) | 2.0:1 MAX (-9.54 dBr Min) |
| IN | | | | | | |
| OUT | | | | | | |
| LOW SIDE REJECTION *1 | 7040 MHz | 7360 MHz | 7680 MHz | 8000 MHz | 8000 MHz | |
| | -60 dBa | -40 dBa | -40 dBa | -50 dBa | -80 dBa | |
| HIGH SIDE REJECTION *1 | 8000 MHz | 8320 MHz | 8640 MHz | 8960 MHz | 8960 MHz | 8640 MHz |
| | -80 dBa | -80 dBa | -80 dBa | -80 dBa | -50 dBa | -65 dBa |
| SPURIOUS REJECTIONS *2 | -80 dBa | -80 dBa | -80 dBa | -80 dBa | -80 dBa | -80 dBa |

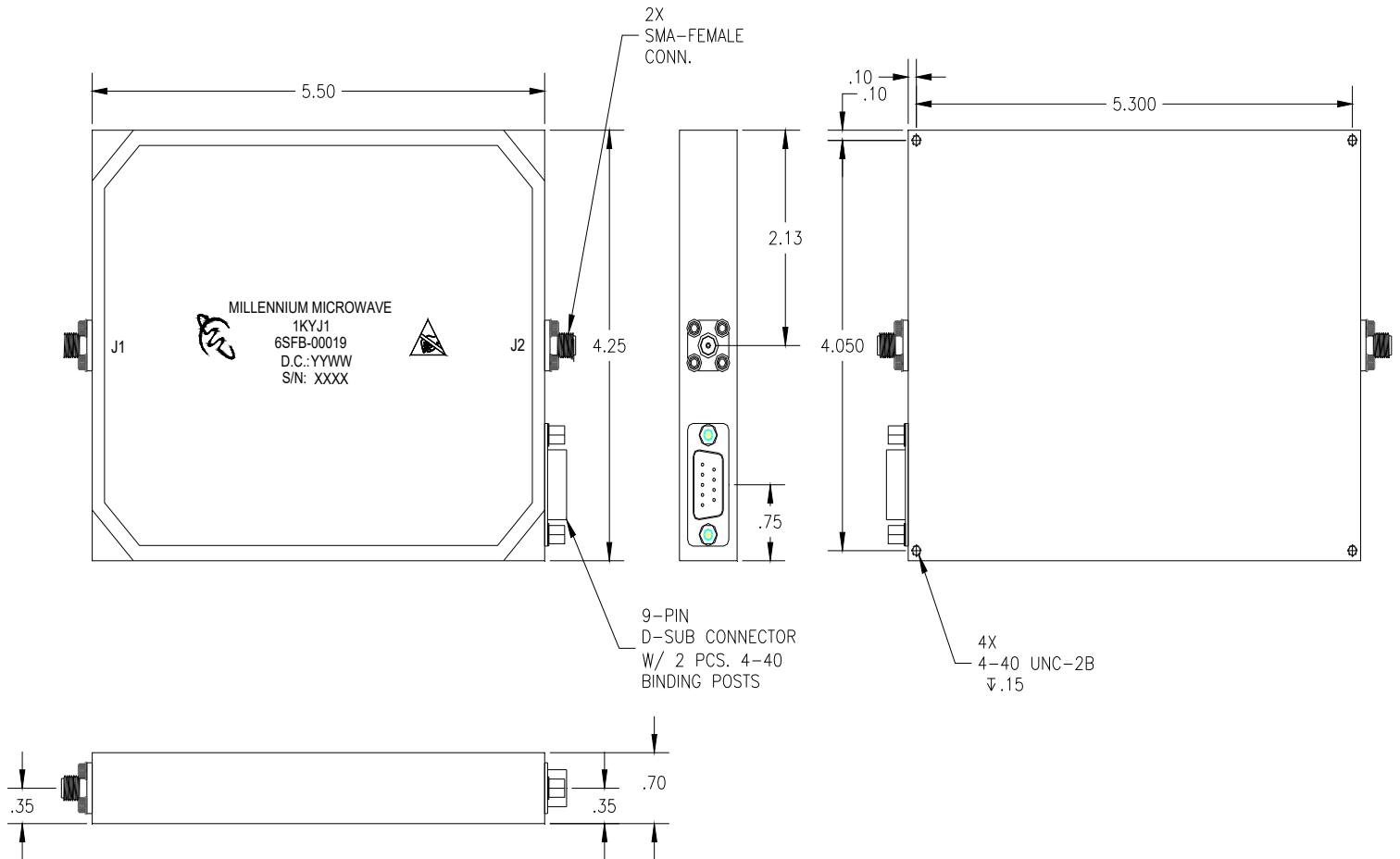


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➤ Outline Drawing:



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