



## Monolithic Block Filter Preliminary Specification 3.5GHz RU Tx Filter (A-Band)

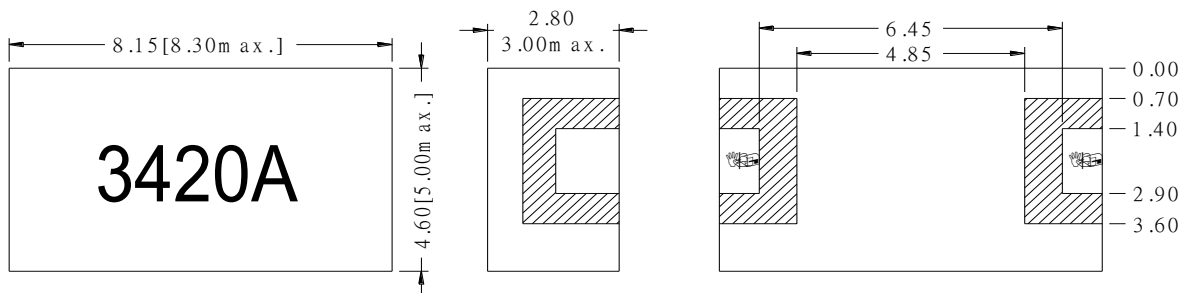
Part No: MBP33R3420S42PA

Date: 4/19/2001

### Specification:

| No. | Characteristics       | Unit            | Typical    | Minimum | Maximum |  |
|-----|-----------------------|-----------------|------------|---------|---------|--|
| 1   | Frequency Range       | MHz             | 3420.5     | 3399.5  | 3441.5  |  |
| 2   | Bandwidth             | MHz             |            |         | 42      |  |
| 3   | Insertion Loss in BW  | dB              |            |         | 2.5     |  |
| 4   | Ripple in BW          | dB              |            |         | 0.5     |  |
| 5   | V.S.W.R.              |                 |            |         | 1.5     |  |
| 6   | Attenuation           | <2500 MHz       |            | 35      |         |  |
|     |                       | 2600 - 2640 MHz |            | 40      |         |  |
|     |                       | 3000 - 3041 MHz | dB         |         | 35      |  |
|     |                       | 3499 - 3541 MHz |            |         | 15      |  |
|     |                       | >4000 MHz       |            |         | 35      |  |
| 7   | In/Out Impedance      | Ohm             | 50         |         |         |  |
| 8   | Operation Temperature | C               | -40 to +85 |         |         |  |

### Dimensions:



Tolerance :.x :± 0.3  
 .xx :± 0.15  
 Unit:m m

