

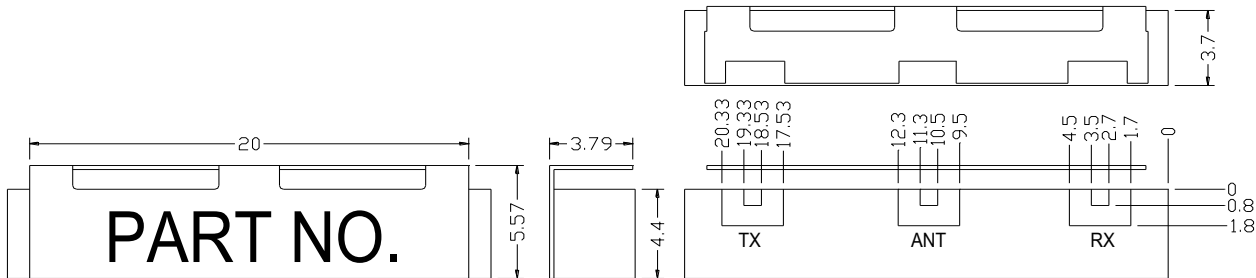
## Monolithic Block Duplexer Preliminary Specification

Part No: DNM3420-3520-40A1  
 Date: 6/13/2002

### 1. Properties:

| No. | Characteristics                    | Unit | Tx → ANT              | ANT → Rx              |
|-----|------------------------------------|------|-----------------------|-----------------------|
| 1   | Center Frequency (F <sub>0</sub> ) | MHz  | 3420                  | 3520                  |
| 2   | Poles                              |      | 4                     | 4                     |
| 2   | Bandwidth                          | MHz  | F <sub>0</sub> +/- 20 | F <sub>0</sub> +/- 20 |
| 3   | Insertion Loss in BW (max.)        | dB   | 3.0                   | 3.0                   |
| 4   | Ripple in BW (max.)                | dB   | 1.5                   | 1.5                   |
| 5   | Return Loss in BW (min.)           | dB   | 10                    | 10                    |
| 6   | Attenuation (Absolute Value)       | dB   | 55 min. @ Rx          | 55 min. @ Tx          |
| 7   | In/Out Impedance                   | Ohm  | 50                    | 50                    |

### 2. Dimension:



Tolerance Unless  
 Otherwise Specified: ±0.15  
 Unit: mm