



Specification

Microwave Ceramic Filter

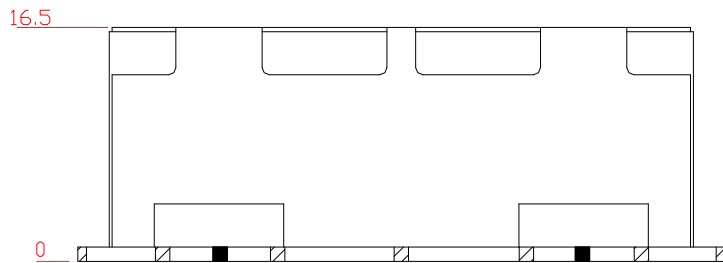
| | | |
|--------|-------------|----------|
| Design | Engineering | Approval |
| | | |
| CYK | YBW | ECL |

| | | |
|------------------|----------------------|-------------------------------|
| Customer: | Date: 7-18-11 | P/N: EMA15F1587P55C20D |
|------------------|----------------------|-------------------------------|

Electrical Specification

| No. | Parameter | Unit | Specification |
|-----|----------------------|--------------------|----------------------|
| 1 | Center Frequency | MHz | 1587.15 |
| 2 | Frequency Range | MHz | 1559.7~1614.6 |
| 3 | Insertion Loss in BW | dB | 1.5 max. |
| 4 | Ripple in BW | dB | 0.8 max. |
| 5 | Return Loss in BW | dB | 15.0 min. |
| 6 | Attenuation | dB | 20 min. @ 1544.8 MHz |
| 7 | Input Power | Watt | 5 max. |
| 8 | I/O Impedance | Ω | 50 |
| 9 | Temp. Range | $^{\circ}\text{C}$ | -30 ~ +85 |

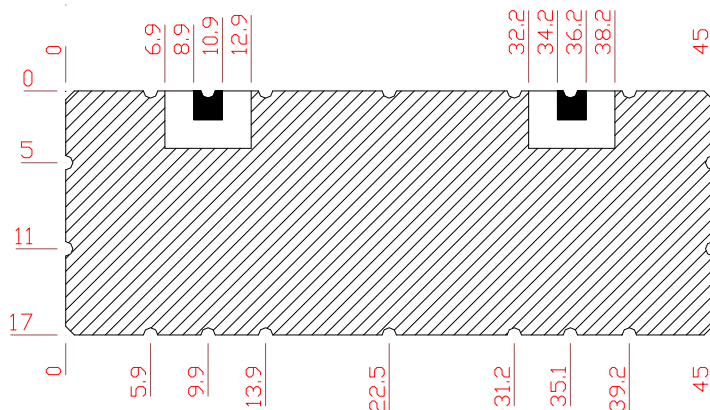
Dimension [Unit: mm]



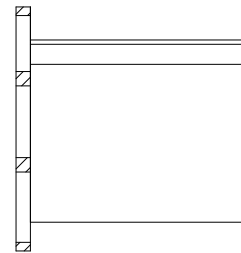
Front Side

I/O Port
 Ground

Unit : mm
 Tolerance unless
 otherwise specified : ± 0.2



Bottom Side



Right Side

■ Simulation Graph

