



Specification

Cavity Bandpass Filter

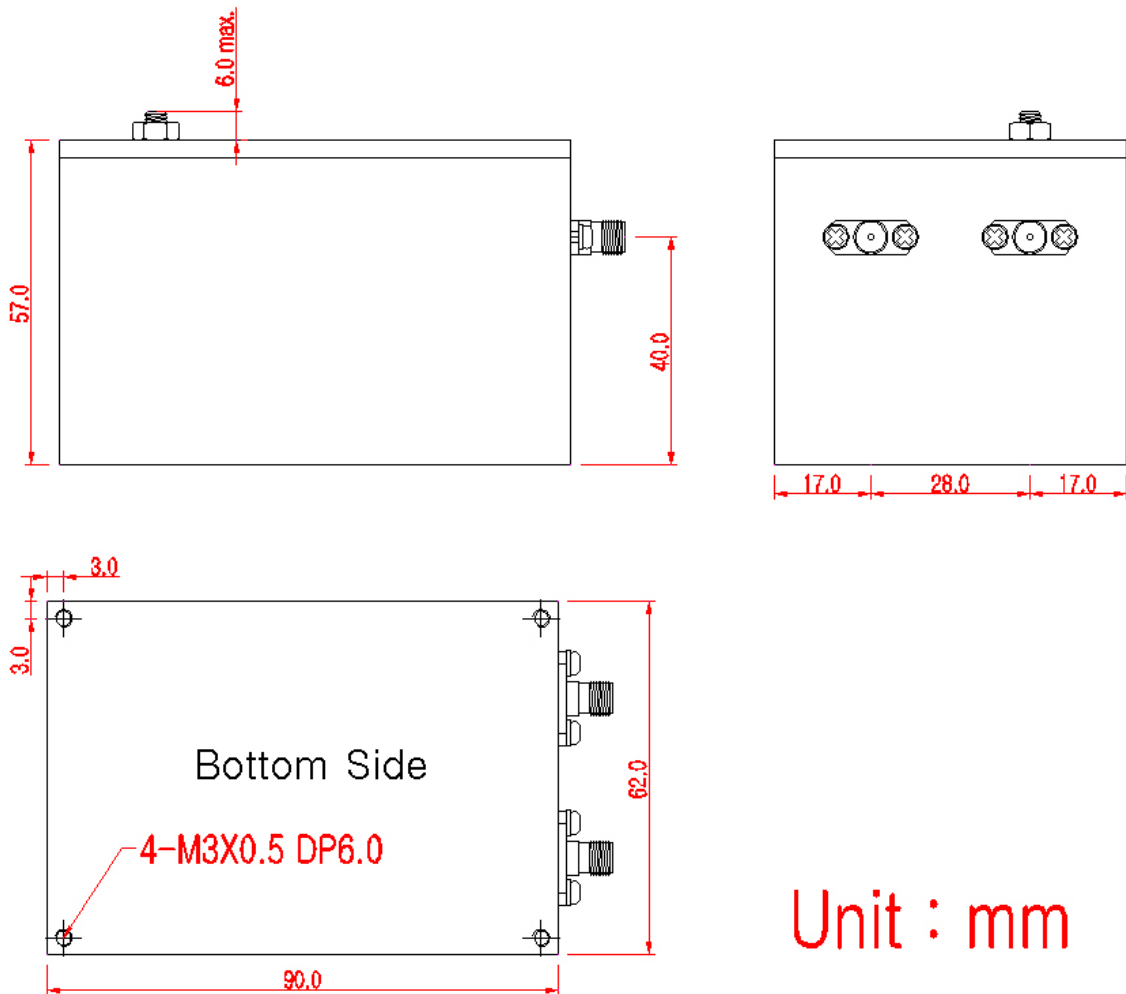
| | | |
|-------|-------------|----------|
| Sales | Engineering | Approval |
| | | |
| TC | DWL | ECL |

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|------------------|-----------------------|-------------------------------|
| Customer: | Date: 07-29-11 | Part No.: BCC1000-40A1 |
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Electrical Specifications

| No. | Parameter | Unit | Specification |
|-----|-----------------------|--------------------|--------------------------------------|
| 1 | Center Frequency | MHz | 1000 |
| 2 | Bandwidth | MHz | $F_c \pm 20$ min. (980 ~ 1020 MHz) |
| 3 | Insertion Loss in BW | dB | 0.7 max. |
| 4 | Ripple in BW | dB | 0.3 max. |
| 5 | Return Loss in BW | dB | 20.0 min. |
| 6 | Attenuation | dB | 50 min. @ 950 MHz ($F_c - 50$ MHz) |
| | | | 50 min. @ 1050 MHz ($F_c + 50$ MHz) |
| 7 | Input Power | Watt | 10 max. (avg.) / 100 max. (peak) |
| 8 | IN/OUT Impedance | Ω | 50 |
| 9 | Operating Temperature | $^{\circ}\text{C}$ | -30 ~ +75 |
| 10 | Connector type | - | SMA (f) Type |

Dimensions (Unit: mm)



Unit : mm

Simulation Graph

