



# Specification

## Cavity Bandpass Filter

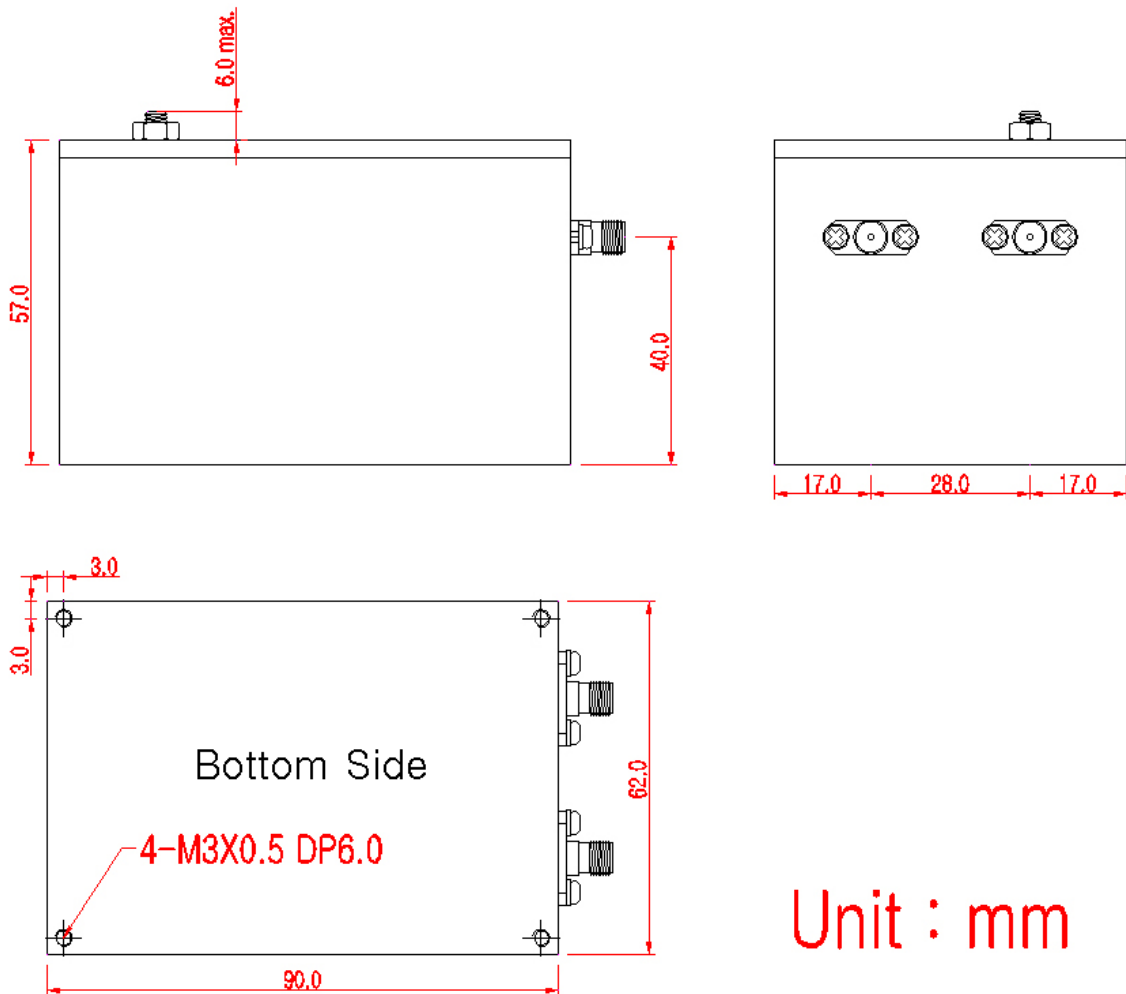
Sales	Engineering	Approval
TC	DWL	ECL

<b>Customer:</b>	<b>Date:</b> 07-29-11	<b>Part No.:</b> BCC1000-40C1
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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. @ 945 MHz ( $F_c - 55$ MHz)
			50 min. @ 1055 MHz ( $F_c + 55$ MHz)
7	Input Power	Watt	10 max. (avg.) / 100 max. (peak)
8	IN/OUT Impedance	$\Omega$	50
9	Operating Temperature	$^{\circ}\text{C}$	-30 ~ +75
10	Connector type	-	SMA (f) Type

### Dimensions (Unit: mm)



Simulation Graph

