

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

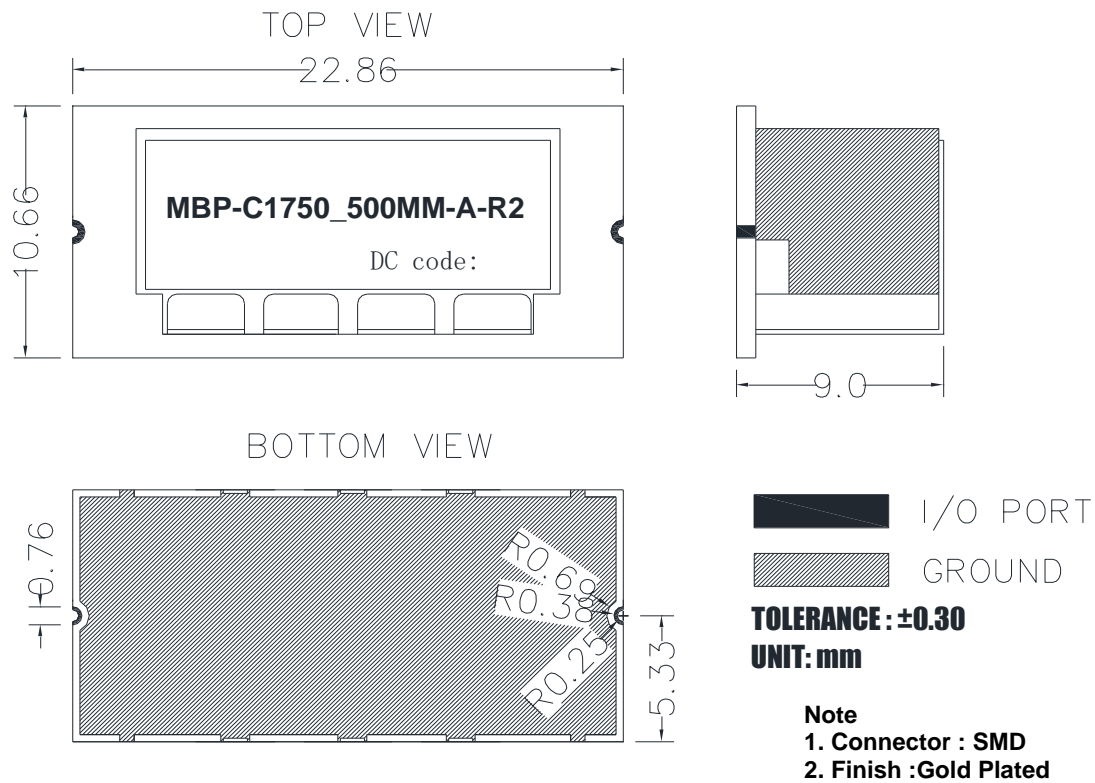
Product Name : MonoBlock Band Pass Filter

Part No : MBP-C1750_500MM-A-R2

■ History List

| No. | Rev. No. | Description | Date | Author | Final Approver |
|-----|----------|-----------------------------|------------|------------|----------------|
| 1 | R0 | Draft | 2021.11.08 | Bryan Jeon | Michael Jeon |
| 2 | R1 | Added In/Out Pad Dimensions | 2021.11.08 | Bryan Jeon | Michael Jeon |
| 2 | R2 | Has changed in/out pads | 2021.11.12 | Bryan Jeon | Michael Jeon |
| | | | | | |

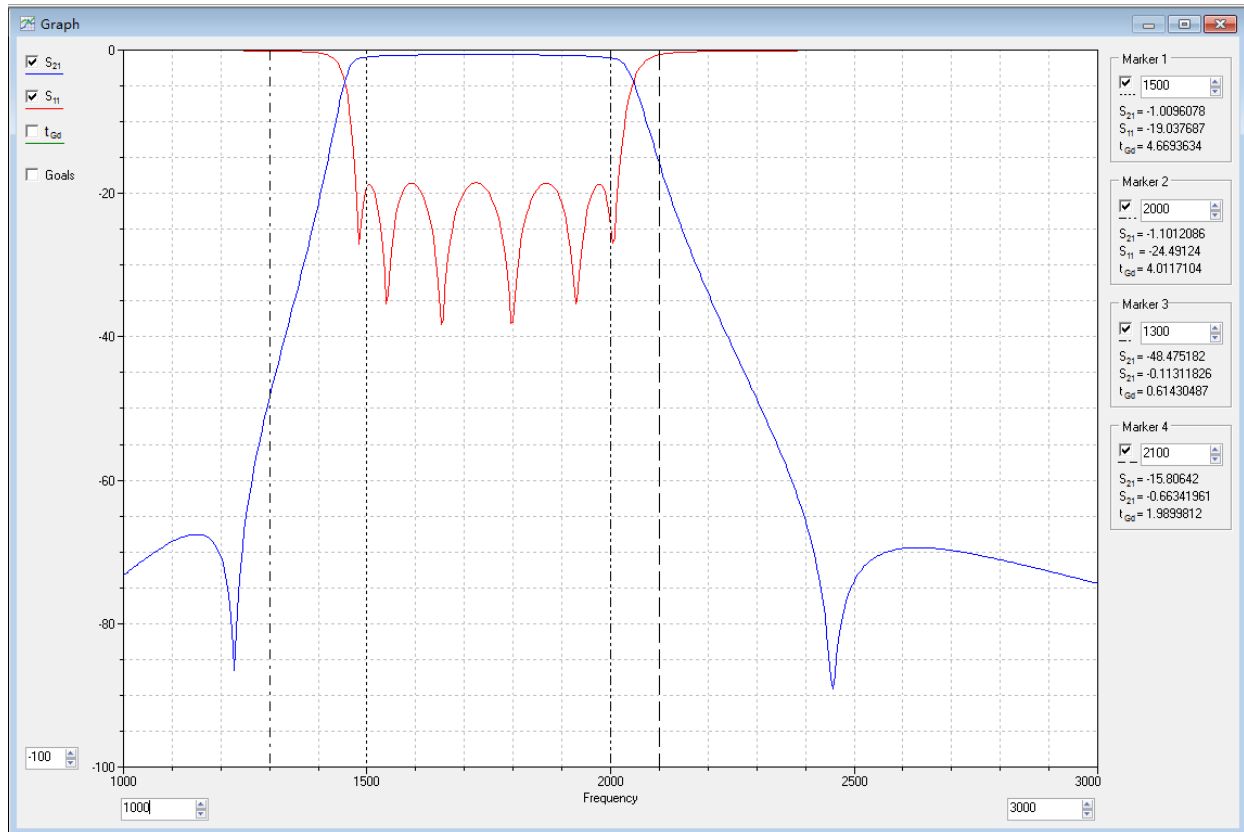
■ Mechanical Drawing



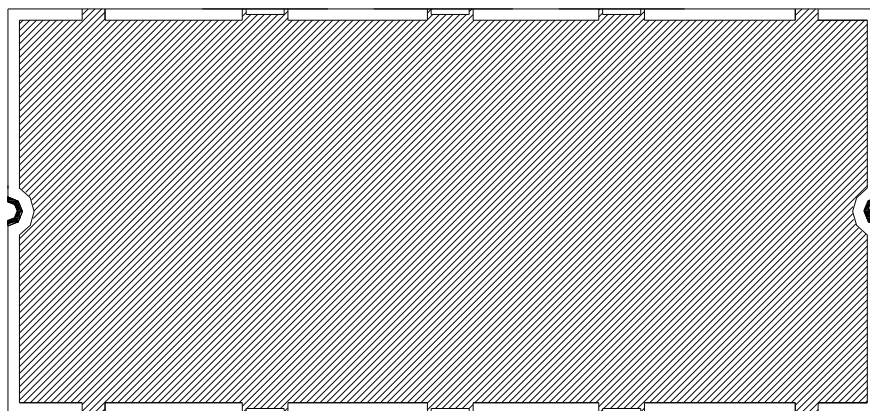
■ Electrical Specification

| Parameter | | Specification | Remark |
|--------------------------|----------------|---------------------------------|--------|
| 1. Center Frequency | | 1750MHz | |
| 2. Passband 1dB BW | | 1500 ~ 2000MHz (Fc ± 250MHz) | |
| 3. Insertion Loss | | 2.0dB Max @ Fc | |
| 4. Ripple in BW | | 1.0dB Max. | |
| 5. Return Loss | | 10dB Min. | |
| 6. Rejections | DC ~ 1300MHz | 30dB Min. | |
| | 2100 ~ 3000MHz | 13dB Min. | |
| 7. Operating Temperature | | -45°C ~ +85°C | |
| 8. Power Handling | | 3W Max. | |
| 9. Size (W × D × H) | | 22.86 × 10.66 × 9.0mm | |

Simulation Curve



RECOMMENDED PC BOARD PATTERN



I/O PORT



GROUND