



| Document | Document Number | Revision | Date |
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| Spec Sheet | FABB41A02 | B | 31-July-2019 |

BPF

P/N : FABB41A02

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| Revision | Description | Date |
|----------|----------------------------|--------------|
| A | Initial Release | 26-July-2019 |
| B | Mounting Screw Holes added | 31-July-2019 |
| | | |



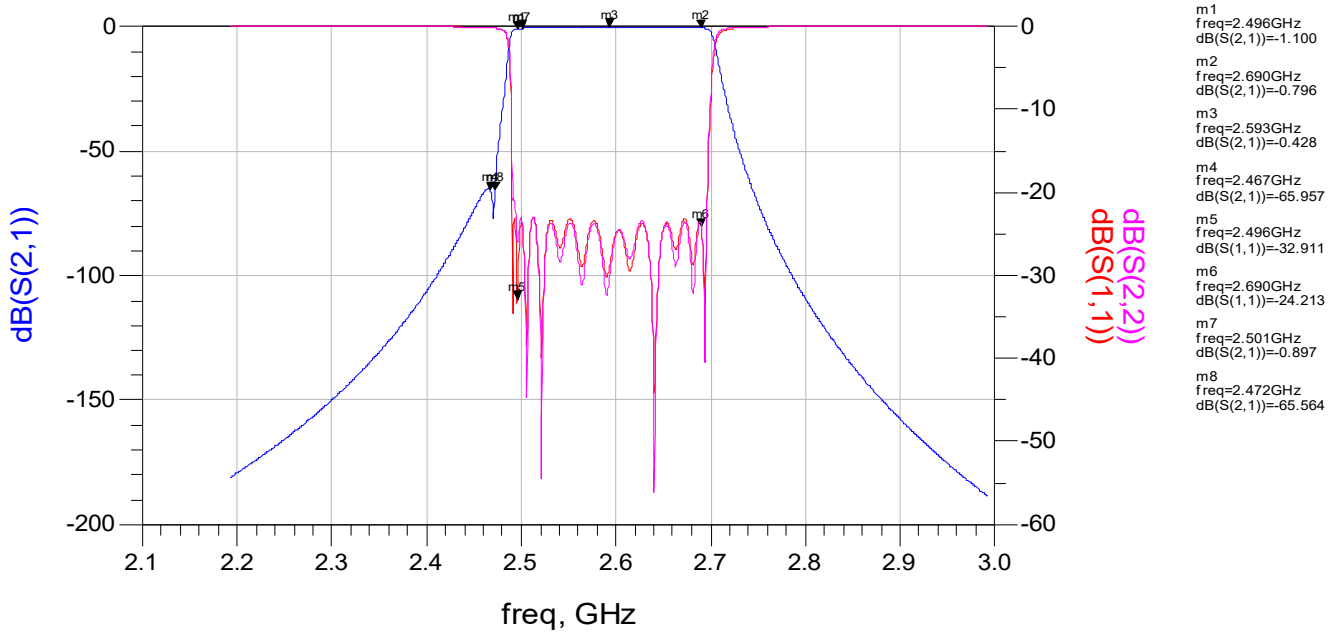
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1. Electrical Specifications

| Parameter | Specification | Simulation | Proposal |
|-------------------------|--------------------------|----------------------|----------|
| Pass Band | 2496~ 2690MHz | | |
| Insertion Loss | 3.5 dB max. | 1.10 | OK |
| Return Loss | 13.0 dB min | 22 | OK |
| Attenuation | 40.0dB min @2402~2422MHz | - | OK |
| | 45.0dB min @2407~2427MHz | - | OK |
| | 50.0dB min @2412~2432MHz | - | OK |
| | 50.0dB min @2417~2437MHz | - | OK |
| | 50.0dB min @2422~2442MHz | - | OK |
| | 50.0dB min @2427~2447MHz | - | OK |
| | 50.0dB min @2432~2452MHz | - | OK |
| | 50.0dB min @2437~2457MHz | - | OK |
| | 50.0dB min @2442~2462MHz | - | OK |
| | 50.0dB min @2447~2467MHz | - | OK |
| | 50.0dB min @2452~2472MHz | 65.56 | OK |
| | 50.0dB min @2412~2467MHz | 65.75 | OK |
| | Attenuation | 41.0dB min 10~700MHz | -- |
| 28.0dB min 701~900MHz | | | OK |
| 22.0dB min 901~1564MHz | | - | OK |
| 33.0dB min 1565~1615MHz | | - | OK |
| 31.0dB min 1616~1709MHz | | - | OK |
| 26.0dB min 1710~1880MHz | | - | OK |
| 15.0dB min 1920~2170MHz | | - | OK |
| 17.0dB min 2300~2330MHz | | - | OK |
| 36.0dB min 2472~2477MHz | | | OK |
| 27.0dB min 3000~3900MHz | | -- | OK |
| 15.0dB min 3900~4100MHz | | - | OK |
| 34.0dB min 4100~6000MHz | | - | OK |
| 29.0dB min 6000~7500MHz | | - | OK |
| 25.0dB min 7500~8000MHz | | - | OK |

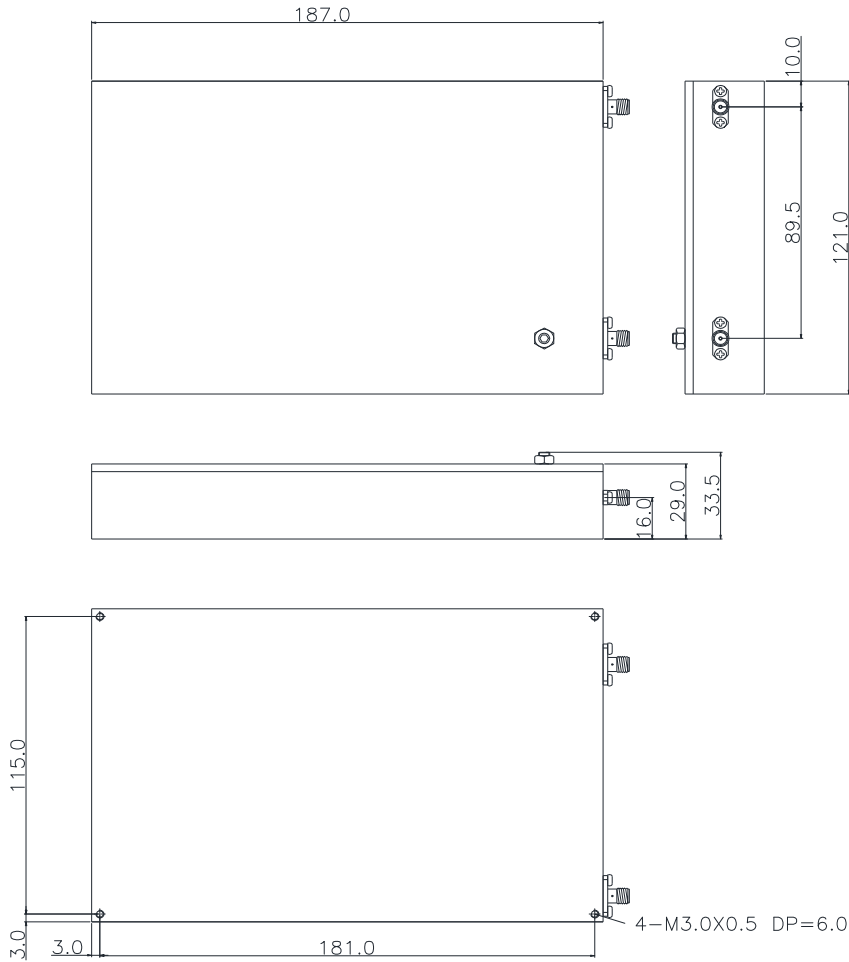
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2. Simulation Data



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3. Mechanical Specification



| Parameter | Specification | Proposal |
|--------------------|-------------------------------------|----------|
| Dimension | 187.0x 121.0 x 33.5 Max (Unit : mm) | OK |
| Mounting Points | See Outline Drawing | OK |
| RF Connector | SMA Female | OK |
| Connector Position | See Outline Drawing | OK |
| Finish | Black Color Epoxy Coating | OK |