



| Document | Document Number | Revision | Date |
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| Spec Sheet | FAB238245A01 | A | 14-Oct-2020 |

BPF

P/N : FAB238245A01

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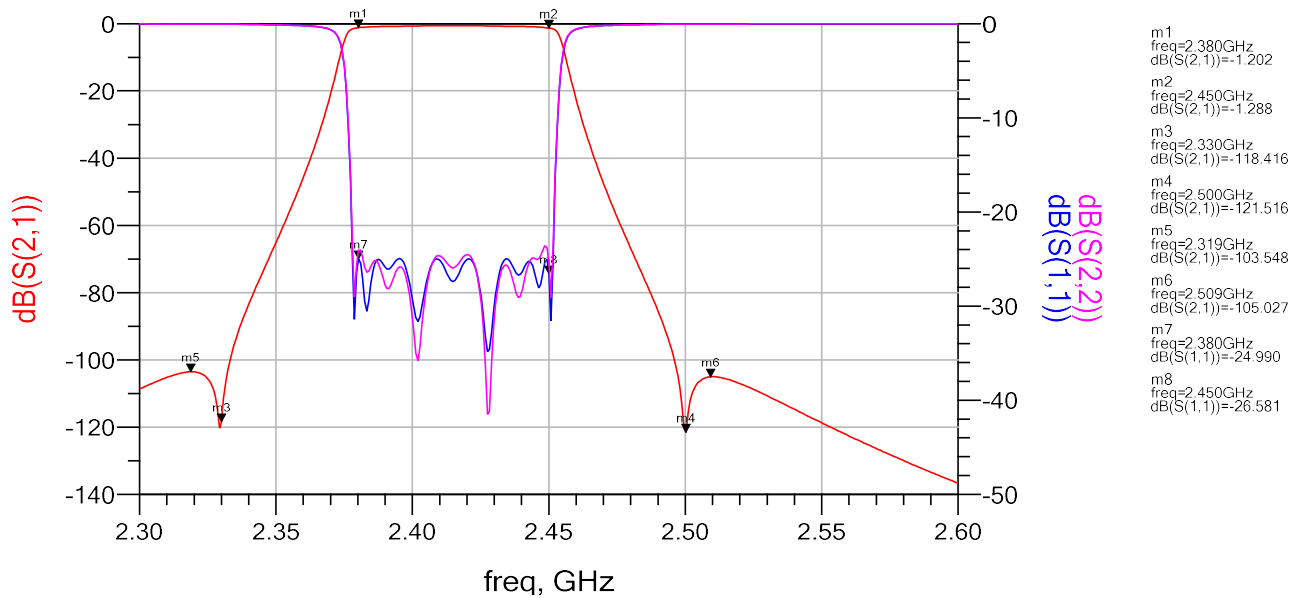
| Revision | Description | Date |
|----------|-----------------|-------------|
| A | Initial Release | 14-Oct-2020 |
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1. Electrical Specifications

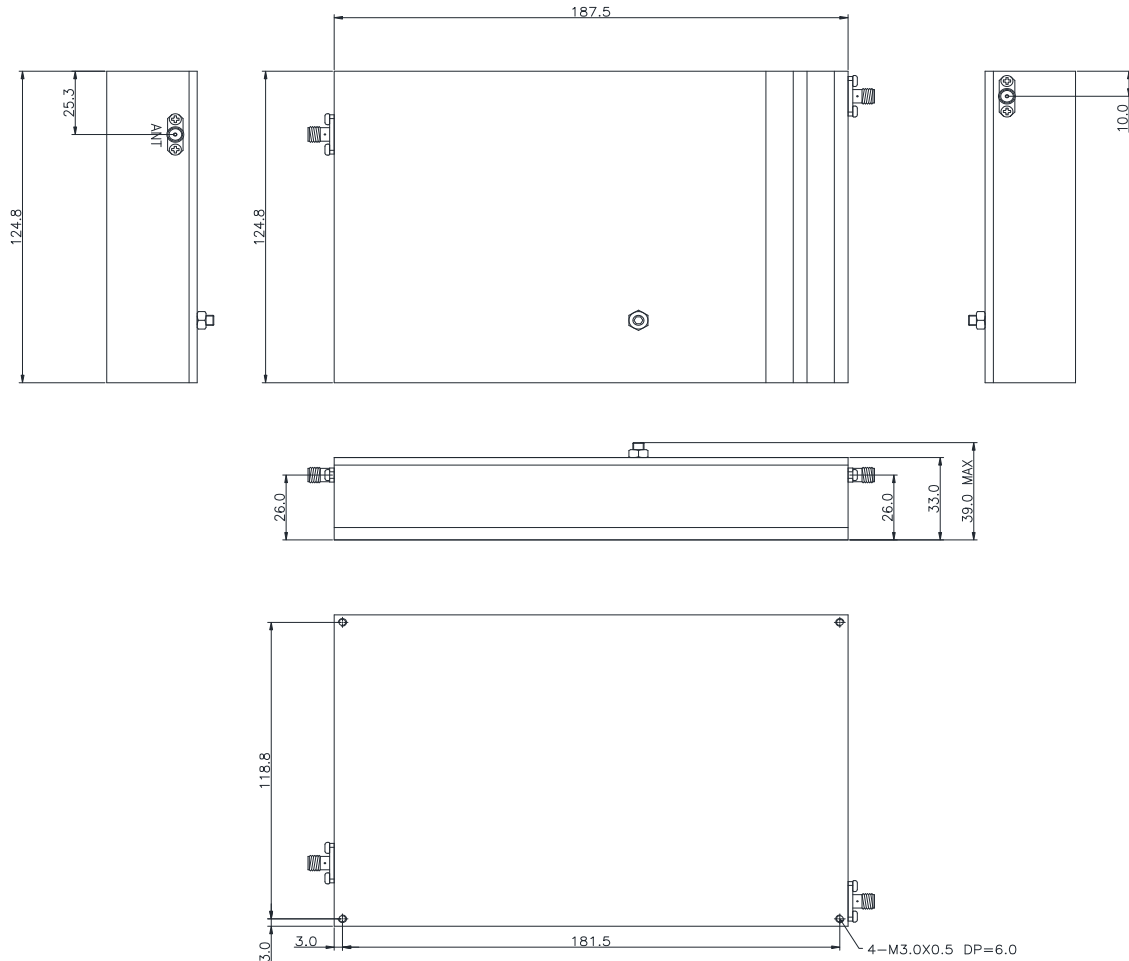
| Parameter | Specification | Simulation | Proposal |
|------------------------|--------------------------------|---------------|-------------------------------|
| Pass Band | 2380~ 2450MHz | 2380~ 2450MHz | OK |
| Insertion Loss | 1.0dB max. | 1.28 | 1.5dB max. |
| Return Loss | - | 20.0 | 18.0dB min |
| Attenuation | 100.0dB min @ DC ~ 2330MHz | 103.54 | OK |
| | 100.0dB min @ 2500 ~ 12750 MHz | 105.02 | 80.0dB min @ 2500 ~ 12750 MHz |
| Temperature | -30°C - +70°C | - | OK |
| Input Output Impedance | 50Ω | - | OK |
| Power Handling | 100W CW | - | OK |

2. Simulation Data



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3. Mechanical Specification



| Parameter | Specification | Proposal |
|--------------------|-----------------------------|-------------------------|
| Dimensions | TBD | 187.5x 124.8 x 39.0 Max |
| Mounting Points | See Outline Drawing | OK |
| RF Connector | IN-SMA Type, TX,RX-SMA Type | OK |
| Connector Position | See Outline Drawing | OK |
| Finish | Gray Epoxy (Pantone 427C) | OK |