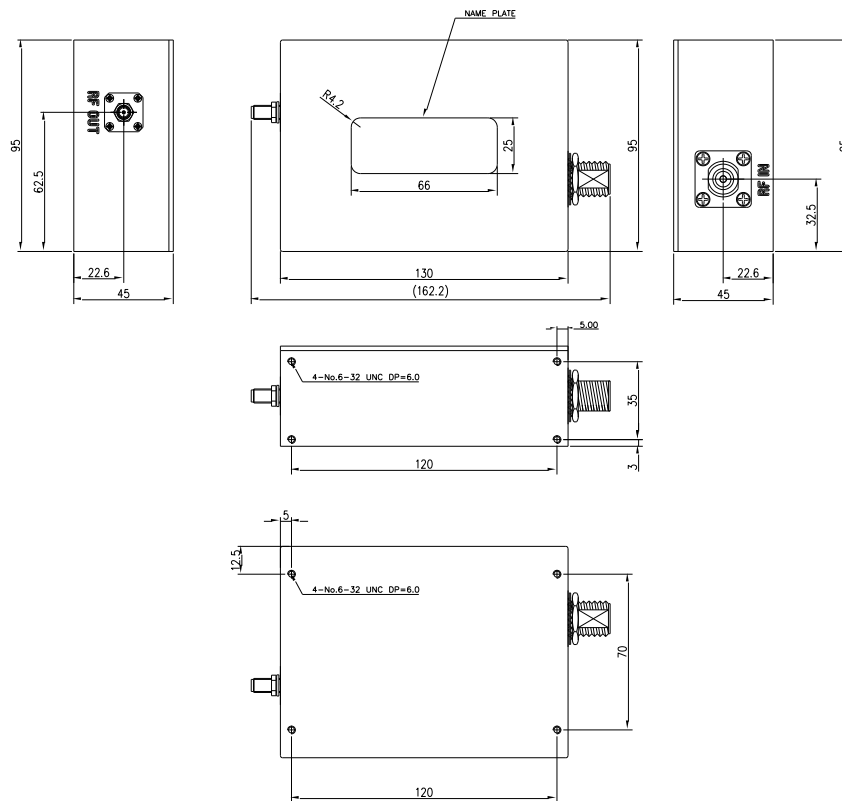


7/Oct/2019

PRODUCT SPECIFICATION FOR INFORMATION

- Product Name : BAND PASS FILTER
- Part No : MBP-630-700M_70MN-F

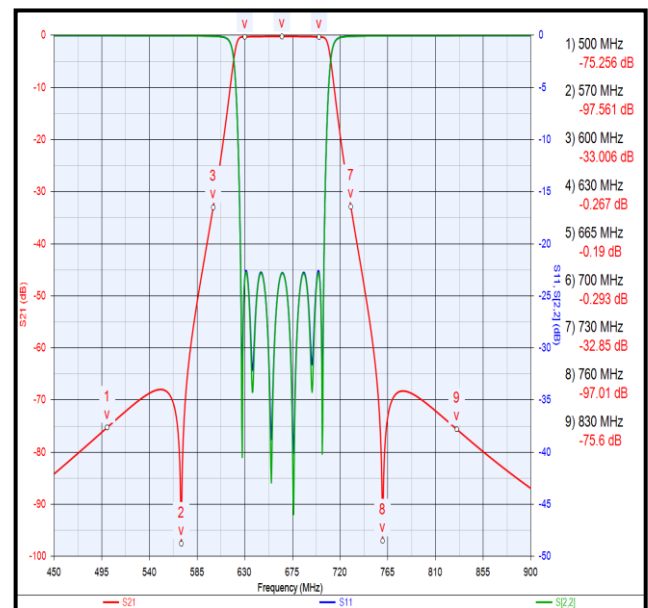
PRELIMINARY SPECIFICATION



[Mechanical 2D Drawing]

Electrical Specification

- | | |
|--------------------------------|----------------------------|
| 1.Center Frequency | 665MHz |
| 2.Bandwidth | fo ±35[630~700]MHz |
| 3.Insertion Loss (Max) | 0.45dB Typ , 0.5dB Max. |
| 4.Ripple in BW | 0.3dB Max. |
| 5.Return loss | 10dB Min. |
| 6. In/Out Impedance | 50 Ω |
| | 0MHz< 500MHz - ≥60dB |
| | 500MHz - 570MHz - ≥50dB |
| | 570MHz - 600MHz - ≥25dB |
| 7. Attenuation | 730MHz - 760MHz - ≥25dB |
| | 760MHz - 830MHz - ≥50dB |
| | 830MHz -1300MHz - ≥60dB |
| | Ultimate ≥60dB |
| 8 Spurious/Harmonics response | 60dB Min.. |
| 9.Input / Output Power | 4Watt CW / 4Watt CW |
| 10.Lightning /Surge Protection | 3kA@ 8/20μs waveform |
| | Operating -5 ~ +45 °C |
| | Storage -10 ~ +71 °C |
| 11.Temperture | Transportation -5 ~ +55 °C |
| 12. Connector | IN N-(F) / OUT SMA(F) |
| 13.Finish | Green No.34088 |
| 14.IP rating | IP67 |
| 15.Weight | Approximately 1Kg |
| 16.Size (WxDxH) | 95.0 x 130.0 x 45.0 |



[SIMULATION CURVE]