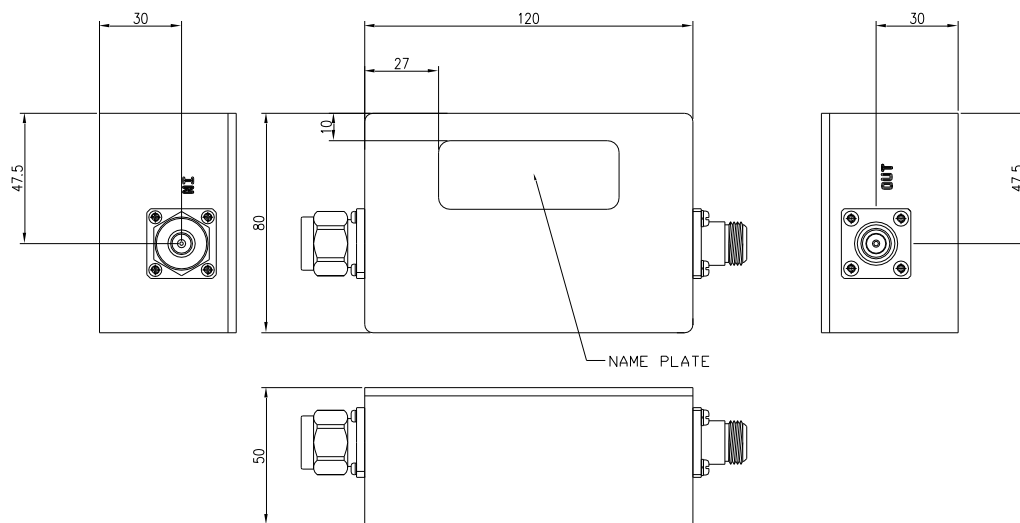


28/JUNE/2019

## PRODUCT SPECIFICATION FOR INFORMATION

- Product Name : BAND PASS FILTER
- Part No : MBP-630-700M\_70MN-A

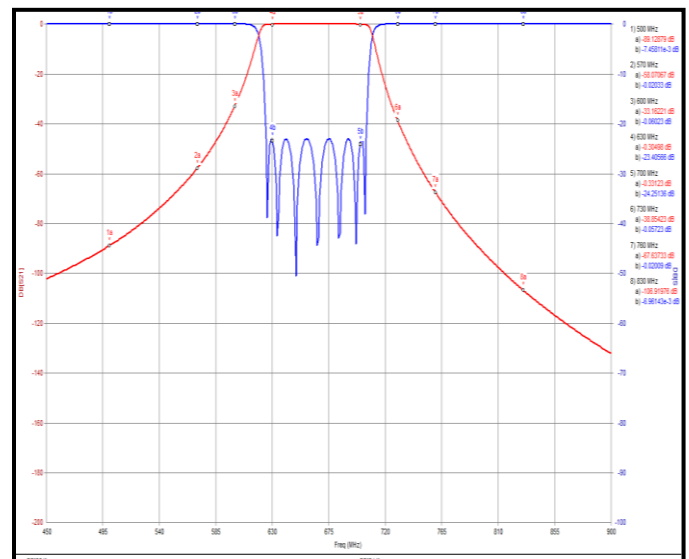
PRELIMINARY SPECIFICATION



[ 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 / 1Watt CW        |
|                               | Operating -5 ~ +45 °C      |
|                               | Storage -10 ~ +71 °C       |
| 10.Temperture                 | Transportation -5 ~ +55 °C |
| 11.Connector                  | IN N-(M) / OUT N(F)        |
| 12.Finish                     | Green No.34088             |
| 13.IP rating                  | IP67                       |
| 11.Size (WxDxH)               | 80.0 x 120.0 x 50.0        |



[SIMULATION CURVE]