

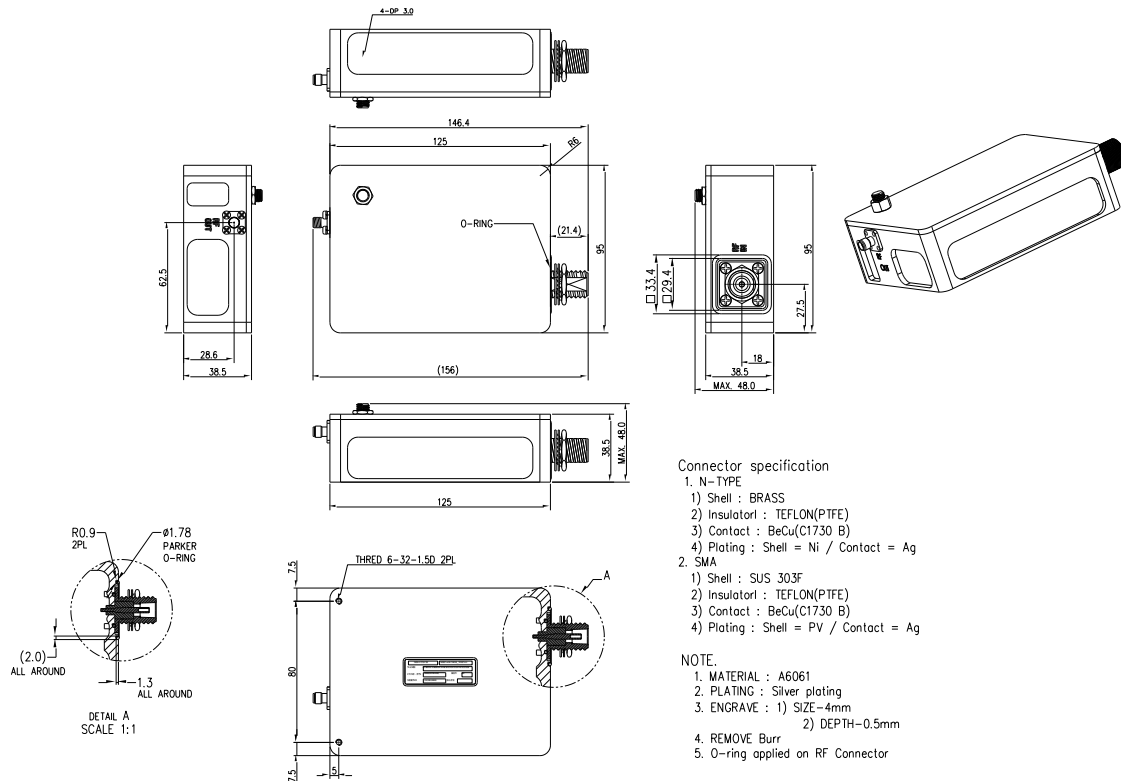
14/Jan/2020

PRODUCT SPECIFICATION FOR INFORMATION

● Product Name : SURGE ARRESTOR BAND PASS FILTER

● Part No : MBP-630-700M_70MN-G

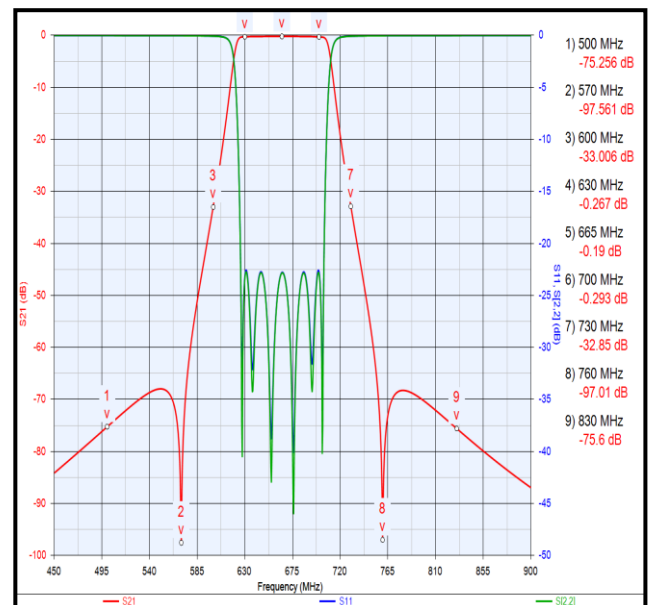
PRELIMINARY SPECIFICATION



[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
7. Attenuation	0MHz< 500MHz – ≥60dB 500MHz - 570MHz – ≥50dB 570MHz – 600MHz – ≥25dB 730MHz – 760MHz – ≥25dB 760MHz – 830MHz – ≥50dB 830MHz –1300MHz – ≥60dB Ultimate ≥60dB
8.Spurious /Harmonics response	60dB Min..
9.In-Band Group delay	40ns Min.
10.Input / Output Power	4Watt CW / 4Watt CW
11.Lightning /Surge Protection	-Max Surge: IEC 61000-4-5- 8/20μs waveform , 20Ka multiple strikes,40ka one time Let through Voltage: (J2) shall be ≤±500mV for 3kA@8/20μs waveform -Throughput Energy: (J2) shall be ≤7.5nJ for 3kA@8/20μs waveform
12.Temperature	Operating -5 ~ +71 °C Storage -10 ~ +71 °C Transportation -5 ~ +55 °C
13.Connector	IN N-(F) / OUT SMA(F)
14.Finish	Alodine class 1A
15.Weight	Approximately 900g
16.Size (WxDxH)	95.0 x 125.0 x 44.0



[Simulation Curve]