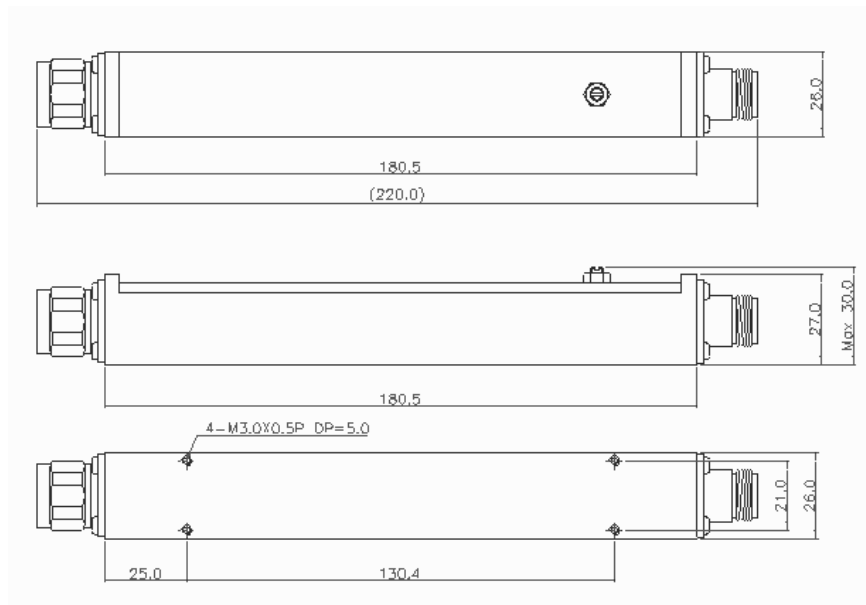


24/APR/2019

PRODUCT SPECIFICATION FOR INFORMATION

- Product Name : Cavity Low Pass Filter
- Part No : MLP-DC-1100MN

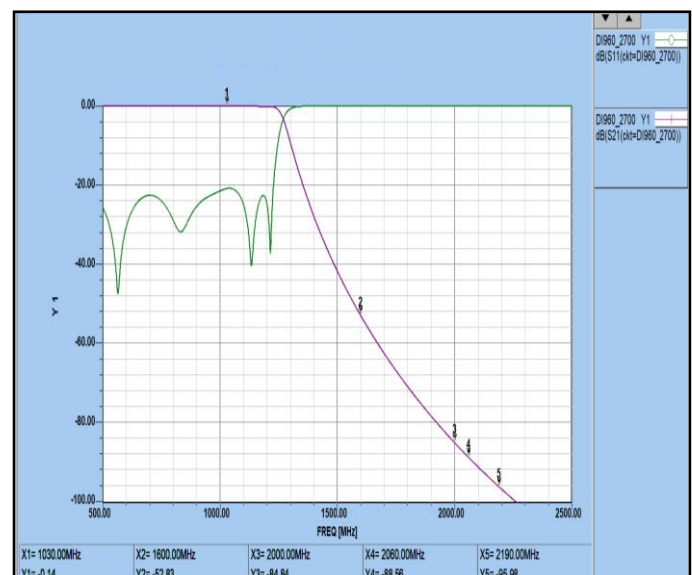
PRELIMINARY SPECIFICATION



[Mechanical 2D Drawing]

■ Electrical Specification

- | | | |
|----|--|---|
| 1 | Frequency | DC~1100MHz |
| 2 | Insertion Loss | 0.15 ± 0.1@1030MHz(S21)
0.15 ± 0.1@1087MHz(S12)
0.15 ± 0.1@1093MHz(S12) |
| 3 | Amplitude reproducibility | 0.1dB |
| 4 | Return Loss (VSWR) in BW | 14.0dB Min, 1.5:1 Min
40dBc min @1600MHz
70dBc min @2000MHz
75dBc min @2060MHz
83dBc min @2090MHz |
| 5 | Attenuation | |
| 6 | Group delay | 2.2 ± 0.1Ns @1030MHz(S21)
2.5 ± 0.1Ns @1090MHz(S12) |
| 7 | Average Power Handling (CW) | 200 Watt |
| 8 | Peak Power Handling over 32u | 4000W |
| 9 | Peak power over 5mS (at altitude of 10000ft) | 2500W |
| 10 | In/Out Impedance | 50Ω |
| 11 | Connectors | Input : N-Type(M), Output : N-Type(F) |
| 12 | Operating Temperature | -10°C to +50°C |
| 13 | Dimension | 220.0 X 26.0 X 27.0 mm |
| 14 | Finish | Black epoxy coating |



[Simulation Curve]