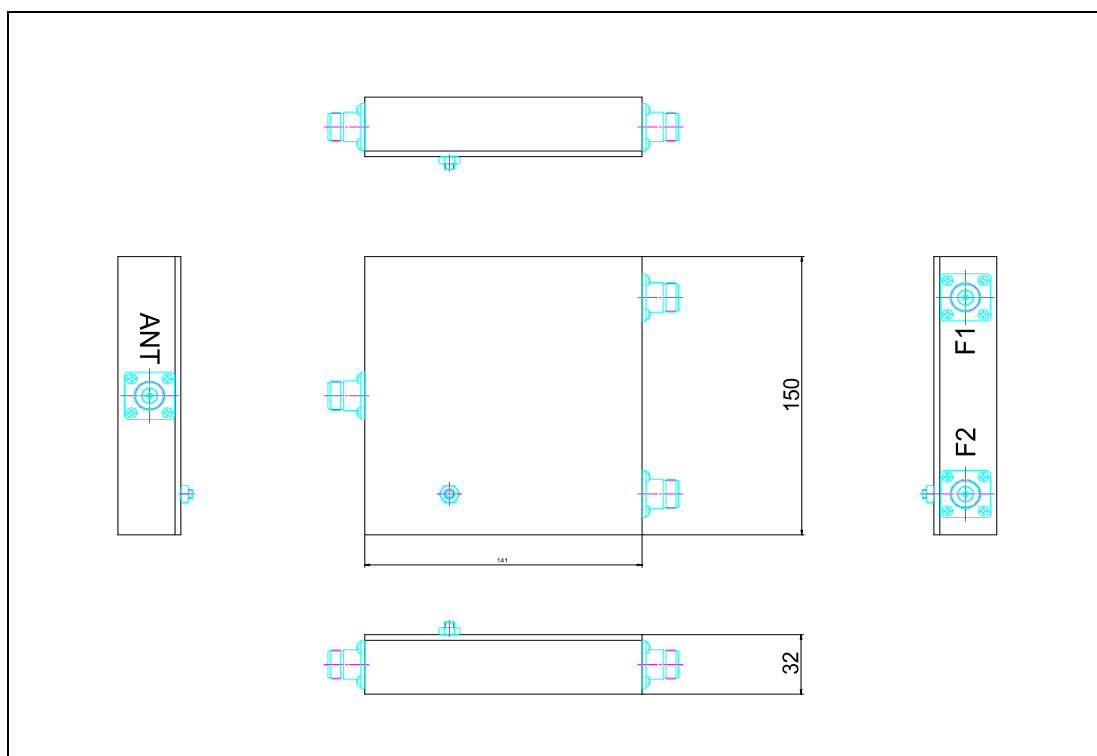


2018. 09. 21.

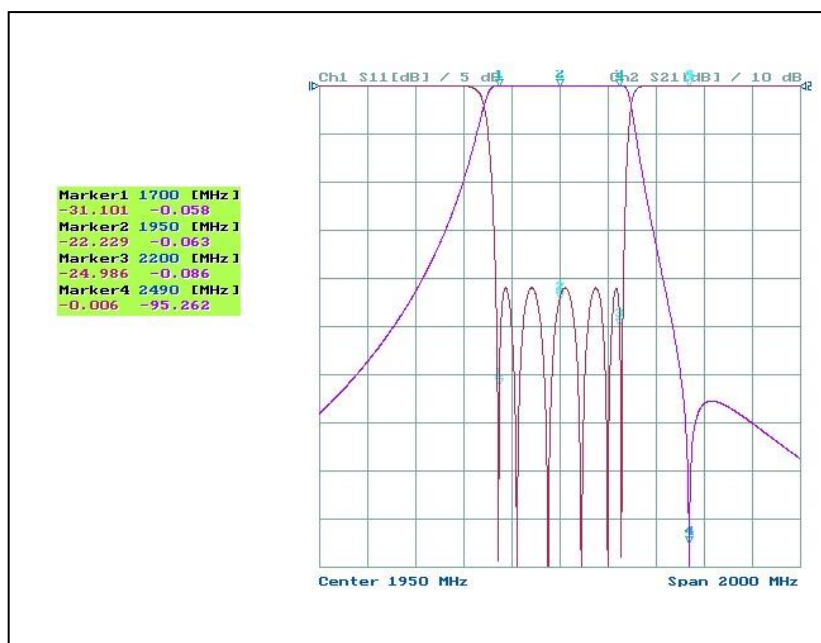
PRODUCT SPECIFICATION FOR INFORMATION

- Customer : MTi SUMMIT ELECTRONICS LTD.
- Product Name : DIPLEXER
- Part No : MDP1700/2490-200P

PRELIMINARY SPECIFICATION

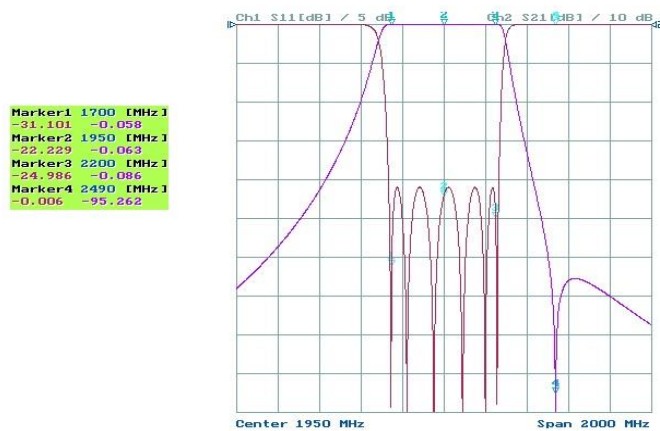


1. Frequency Range 1 : 1700 ~ 2200MHz
2. Frequency Range 2 : 2490 ~ 2690MHz
3. Insertion Loss : 0.3dB Max.
4. Return Loss : 20dB Min.
5. Tx/Rx Isolation : 60dB Min.
6. IMD : -150dBc Max. @ 43dBm(Design Goal)
7. Impedance : 50Ω
8. Average input power : 100W Max.
9. Peak input power : 600W Max.
10. Connectors : 3 X N-Type connectors
11. Weight : 1.5Kgs Max.
12. IP : IP64-Indoor use
13. Operating Temperature : -20 ~ +70℃
14. Size : 150 X 141 X 32mm Max

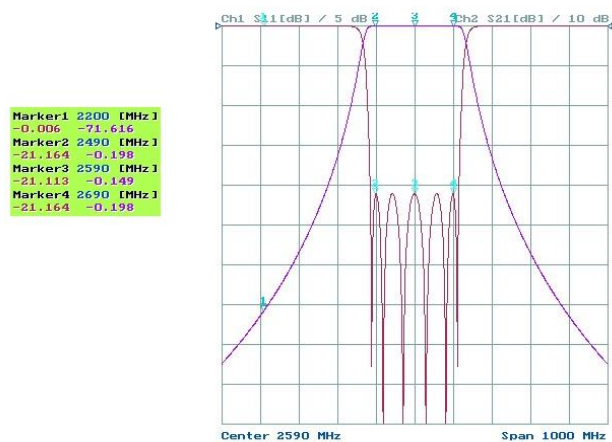


[SIMULATION PLOT]

■ Simulation Plots



F1



F2