



ANATECH ELECTRONICS, INC.

Manufacturer of RF & Microwave Filters and Products



5735-5835 MHz / 5100-5600 MHz Cavity Duplexer

P/N: AD5785-5350D298

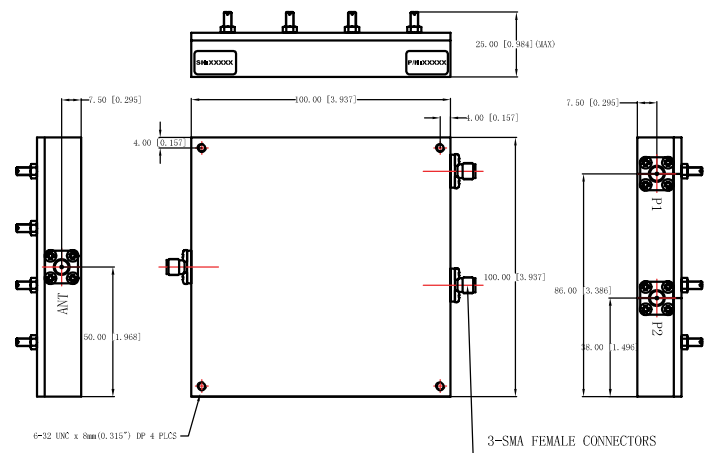
Specifications:

Passband 1 (MHz): 5735-5835
Center Frequency (Fo)(MHz): 5785
Rejection (dB@MHz): $\geq 75@5100-5600$

Passband 2 (MHz): 5100-5600
Center Frequency (Fo)(MHz): 5350
Rejection (dB@MHz): $\geq 75@5735-5835$

Insertion Loss (dB@MHz): $\leq 2.0@F_o$
Return Loss(dB) : ≥ 10
Isolation Between P1 and P2(dB): ≥ 70
Connectors Type :3-SMA-Female
Operating Temp : 10 °C-50 °C
Dimension : 3.937 " $\times$ 3.937 " $\times$ 0.984 " (max)
(100mm $\times$ 100mm $\times$ 25mm)

Outline Drawing:



Simulation:

