



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 880-915 MHz / 925-960 MHz GSM Diplexer

**Part Number: AD897-942D201**

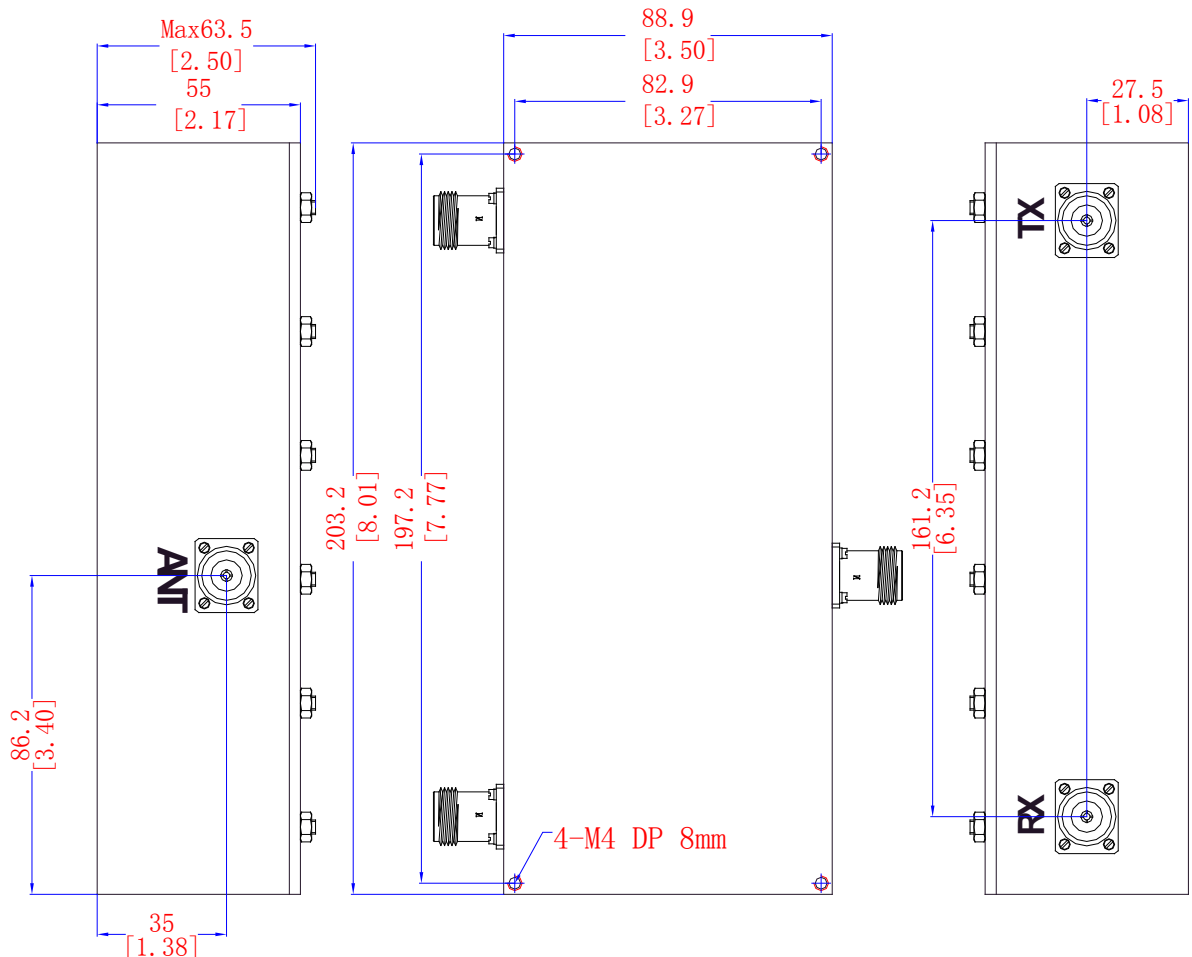


Characteristics	Band 1	Band 2
Passband:	880- 915 MHz	925 – 960 MHz
Bandwidth:	35 MHz	35 MHz
Passband Return Loss:	18 dB	18 dB
Passband Insertion Loss:	< 1 dB	< 1 dB
Passband Ripple:	0.5 dB	0.5 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	70 dB	70 dB
Power Handling:	50 Watts	50 Watts

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	N-Type (F)
Dimensions:	8.01 x 3.5 x 2.17 inches

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C

## Outline Drawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]

3 decimal places: +/- 0.005 inches [+/- 0.13mm] Angles: +/- 1 Deg.

When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

Reference DCR: D051519-01A

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**Response Plot:**

