Cavity Duplexer

WVC-168D174-1M01

Product Feature

- High Reliability
- RoHS Compliant
- 168MHz~174MHz Band System

Electrical Specifications

Frequency Range	168MHz ~ 174MHz
Pass Bandwidth	1MHz
Tx-Rx Seperation	3.6MHz
InsertionLoss @ Pass Bandwidth	2.0dB Max
Return Loss @ Pass Bandwidth	18dB Min
Tx/Rx Isolation 1	80dB Min measured between Tx and Rx Ports with Antenna port terminated
Tx/Rx Isolation 2	80dB Min rejection of other band when measured between Tx and Ant ports, or RX and Ant ports
Average Power	10W CW Max
In/Out Impedance	50 Ohms Nominal

Environmental Specifications

Operating Temperature	-30°C to +60°C

Mechanical Specifications

Dimension	640.0 x 215.0 x 145.0 (Unit:mm)
Mounting Points	See Outline Drawing
RF Connector	All Ports : SMA Female Connector
Connector Position	See Outline Drawing
Finish	Black Color Epoxy Coating

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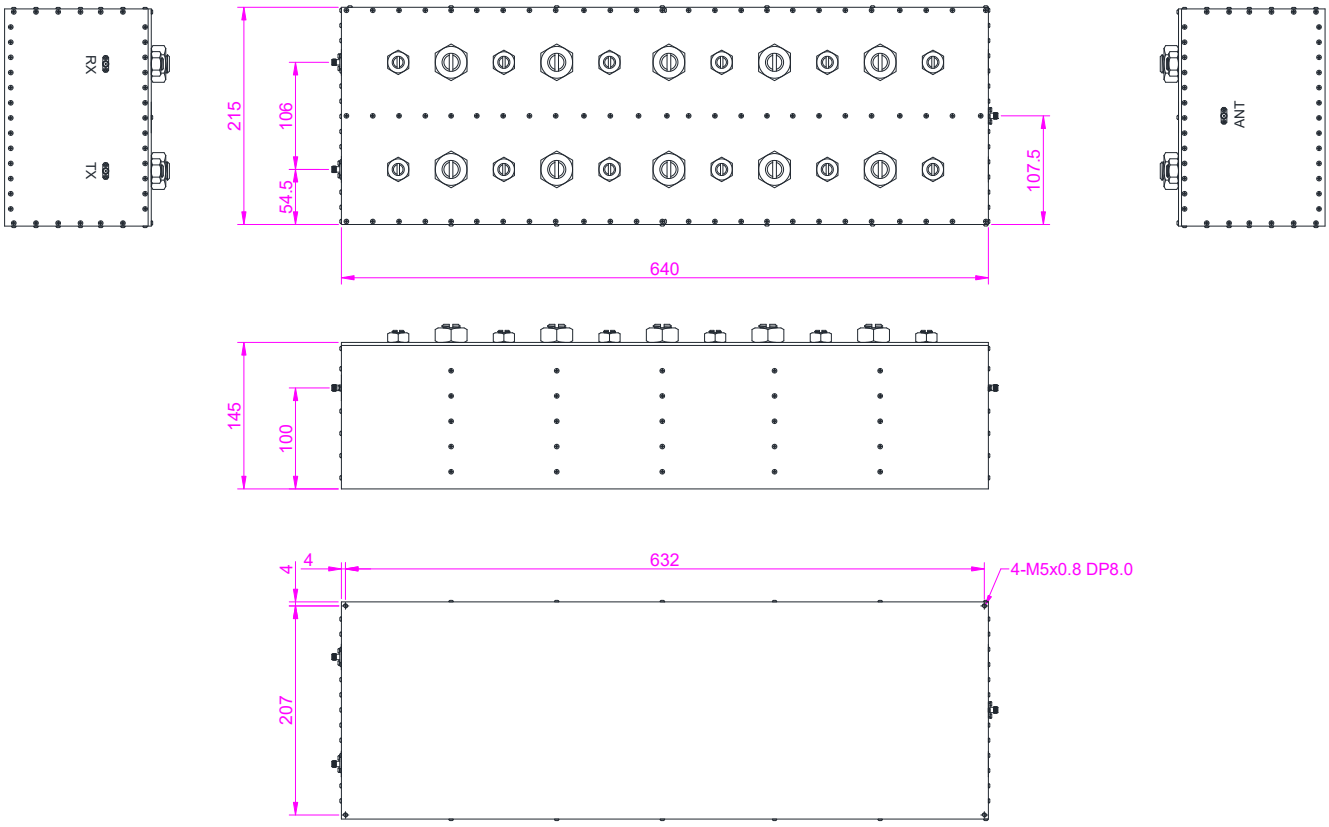
Outline Drawing