

Typical Applications

- BPF for 1292.5 MHz Band System
- Ground Radar applications

Main Features

- High Reliability
- RoHS Compliant

Electrical Specifications

Parameter	Unit	Specification
Frequency Range	MHz	1215 - 1370
Passband loss	dB	0.5 max
Passband Ripple (Pk to Pk)	dB	0.3 max
VSWR		1.25 : 1 max
Rejection	dB	60 min @ 2000 MHz ~ 8000 MHz
Average Power	W	60 max CW
Peak Power	W	600 max CW
Pulse Width	μs	300
Duty Cycle	%	10
In/Out Impedance	Ohm	50 nominal

Environment

Parameter	Unit	Specification
Operating Temperature	°C	-10°C to +40°C
Storage Temperature	°C	-40°C to +70°C
Humidity	%	5 to 80 at +40°C

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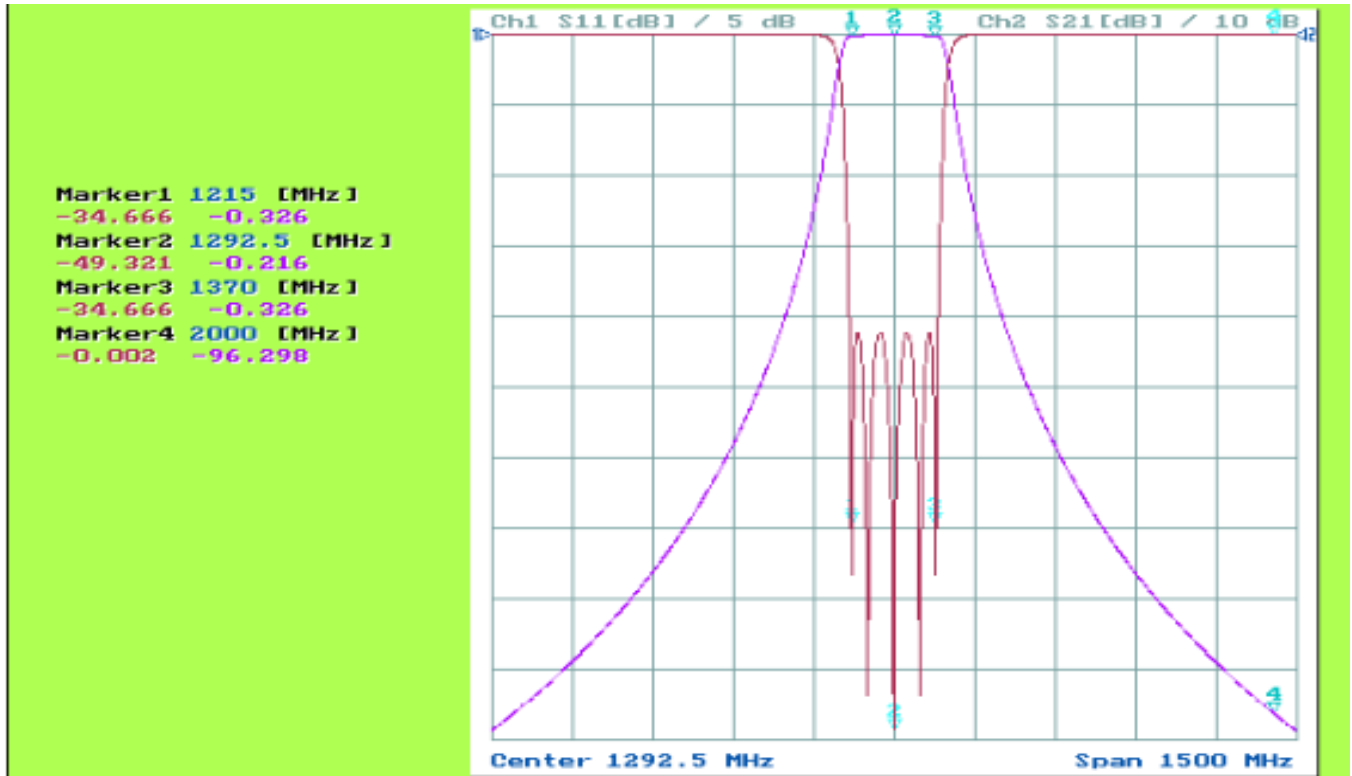
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Typical Performances

Simulation data



Mechanical Specifications

Parameter	Unit	Specification
Dimension	mm	160 x 60 x 40
Mounting Points		See outline drawing
In / Out RF Connector		N male / N female Right Angle
Connector Position		See outline drawing
Finish		Black color epoxy coating

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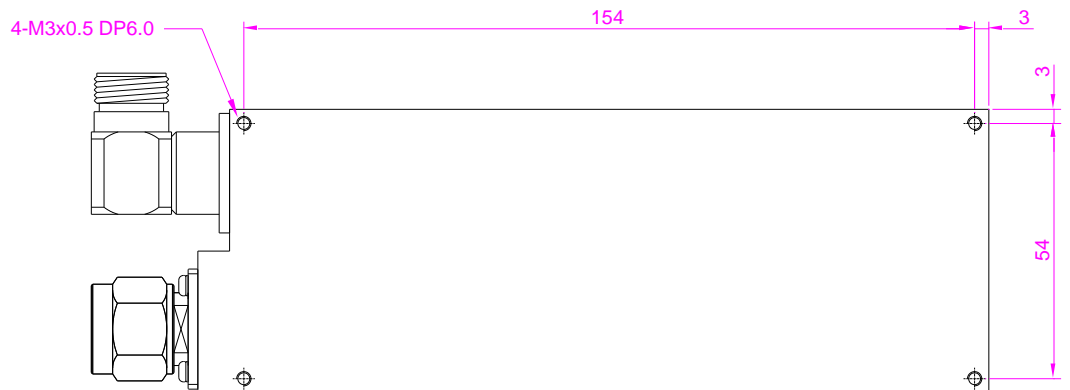
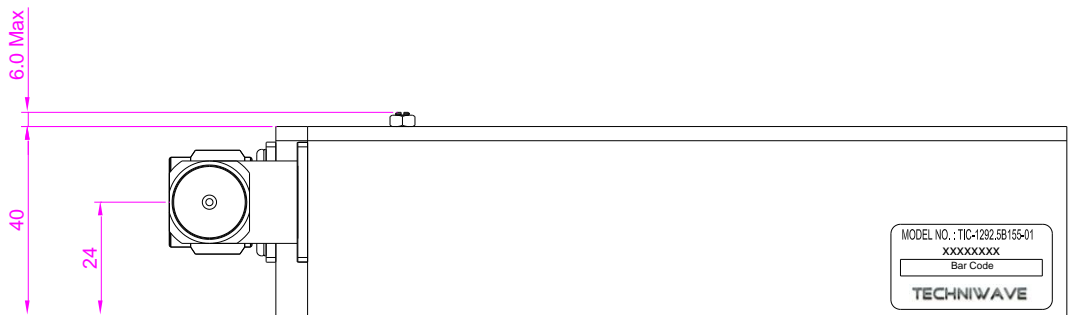
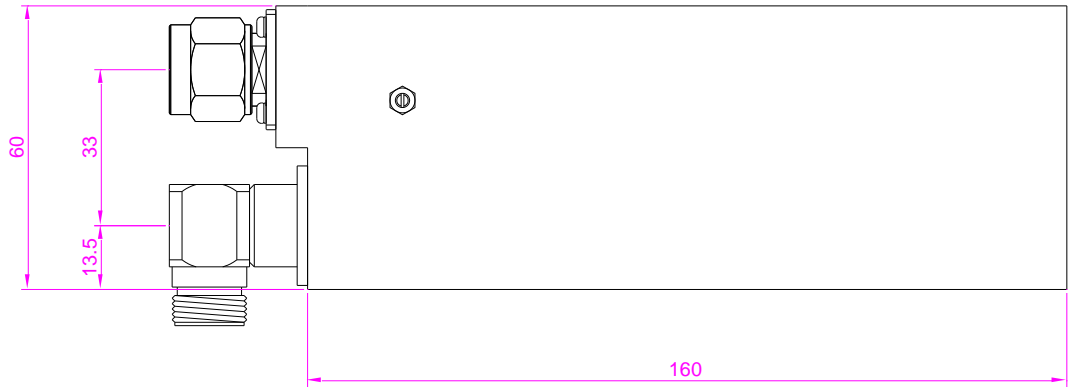
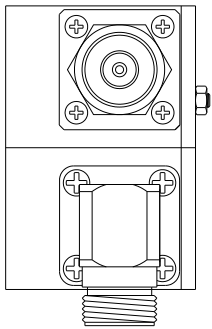
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Outline drawing

All dimensions in mm



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