

Typical Applications

- BPF for 2825 MHz Band System
- Ground Radar applications

Main Features

- High Reliability
- RoHS Compliant

Electrical Specifications

Parameter	Unit	Specification
Frequency Range	MHz	2750 - 2900
Max Passband loss	dB	0.8 max @ 2750 - 2895 MHz
Average Passband Loss	dB	0.5 max @ 2805 - 2900 MHz
VSWR		1.5 : 1 max
Rejection	dB	80 min @ 2500 MHz 80 min @ 2660 MHz 65 min @ 2680 MHz 60 min @ 2690 MHz 1 max @ 2745 MHz 60 min @ 3000 MHz 60 min @ 3600 MHz
Average Power	W	20 max CW
Peak Power	W	200 max CW
In/Out Impedance	Ohm	50 nominal

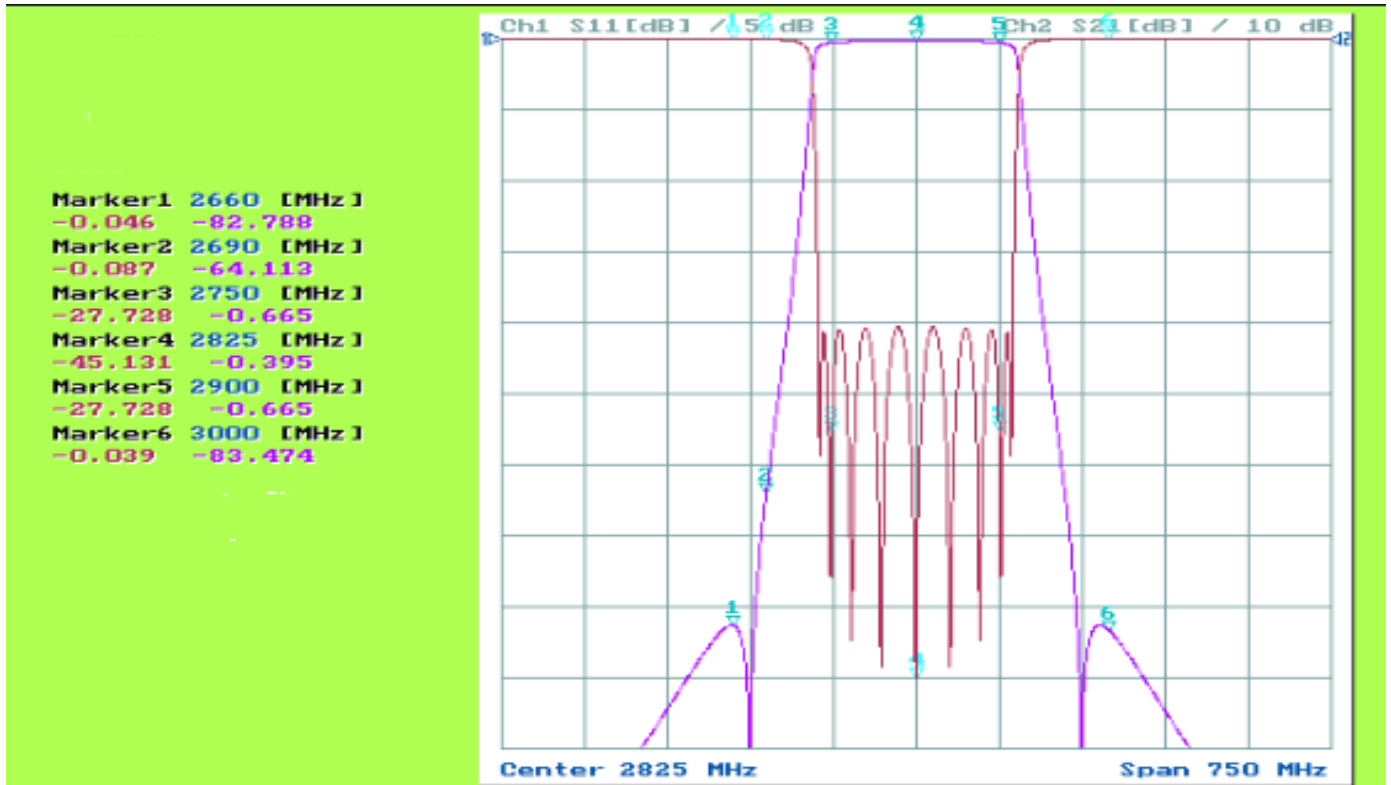
Environment

Parameter	Unit	Specification
Operating Temperature	°C	-10°C to +60°C

Products and Product Information are Subject to Change Without Notice

Typical Performances

Simulation data



Mechanical Specifications

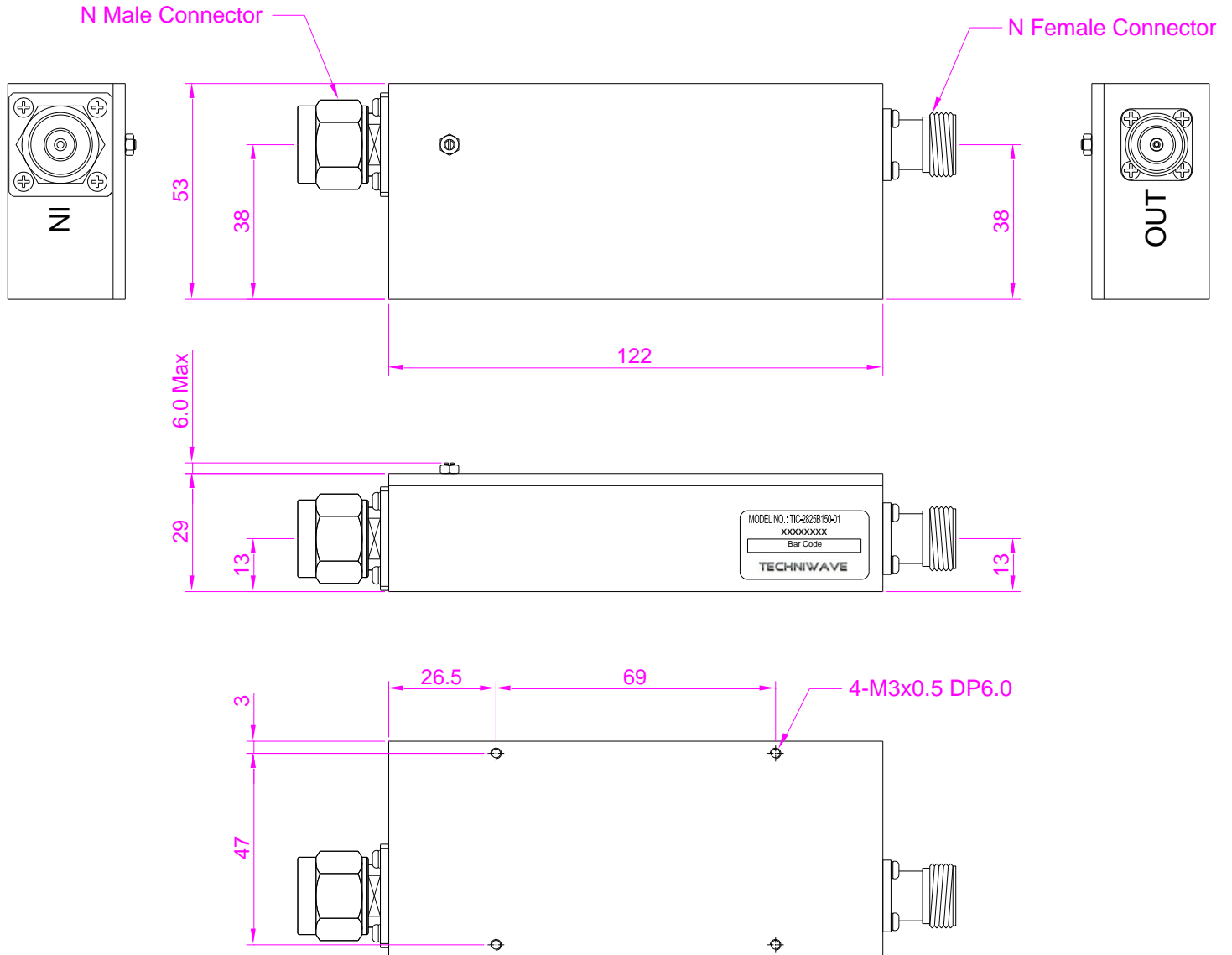
Parameter	Unit	Specification
Dimension	mm	122 x 53 x 29
Mouting Points		See outline drawing
RF Connector		In port : N male connector Out port : N female Connector
Connector Position		See outline drawing
Finish		Black color epoxy coating

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TIC-2825B150-01
Cavity Band Pass Filter

Outline drawing

All dimensions in mm



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