

Features

- Design : Cavity
- Stainless Steel Connectors
- Low Insertion Loss 0.5@850MHz BW dB
- High Rejection
- RoHS and REACH Compliant

Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	4.35	4.825	5.3
Bandwidth@3dB	MHz		950	
Insertion Loss	dB			0.5@850MHz BW
Ripple	dB			0.6
Return Loss	dB	15.56		
Group delay	ns			-
Group Delay Variation	ns			-
Phase Linearity	deg			±2.5
Amplitude Matching	dB			0.2
Rejection	dB	20@4GHz 30@5.4GHz	40@5.6GHz	
Power	W			1
Operating Temp.	°C	-45		+85

Special Requirements

0.6dB Bandwidth: 850MHz Min ; Relative Humidity : 100%@25°C

Phase Linearity : ±2.5deg by 1X4 PCS filter

Amplitude Matching : 0.2dB by 1X4 PCS filter

Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- Relative Humidity 5 to 95% at +25°C ;

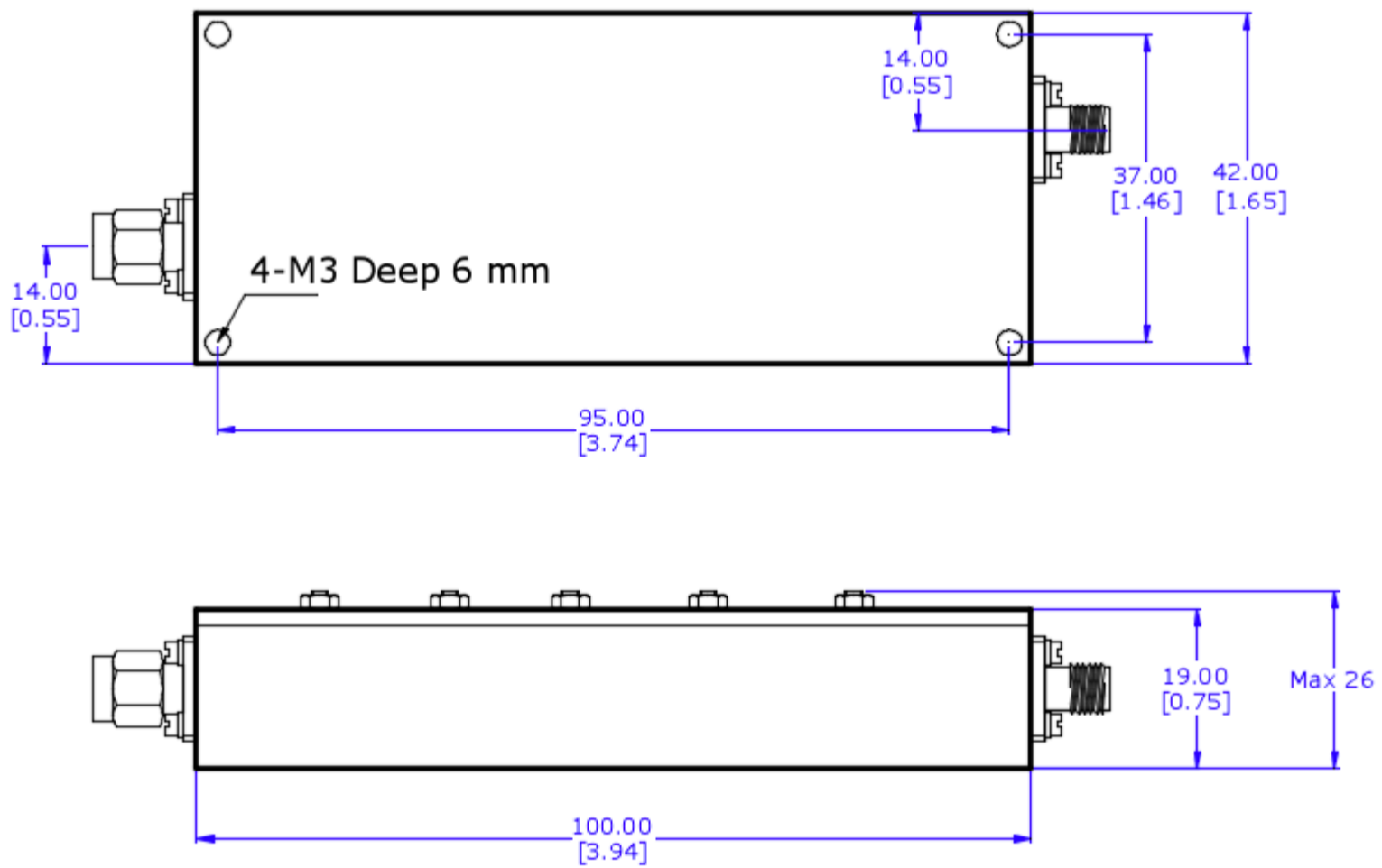
Mechanical Specifications

Dimension L*W*H	100*42*26 mm
Input Connector	SMA-Male Stainless Steel
Output Connectors	SMA-Female Stainless Steel
Weight	190 g
Finishing	Paint Black
Environment	X

Compliance Certifications

RoHS Compliant	✓
REACH Compliant	✓

CAD Drawing



Dimensions are in mm [Inches]
 Tolerances : Outline drawing: ±0.2 [0.008]
 Hole: ±0.2 [0.008]

Insertion Loss , Return Loss , Rejection and etc.

