

## P-5016 Coaxial Isolator / Circulator

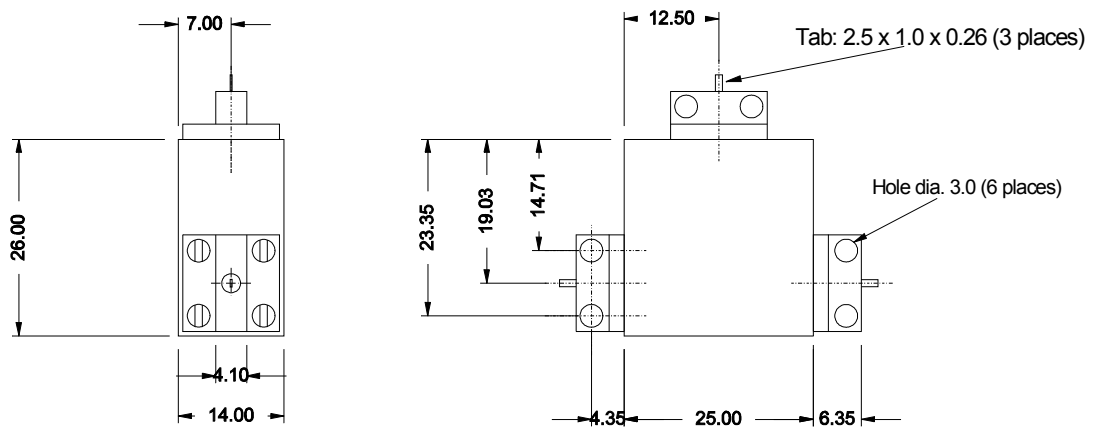


- \* High Performance
- \* Compact Design
- \* Custom Connector Configuration (SMA, N and Tab)
- \* 10W and 30W Termination Options

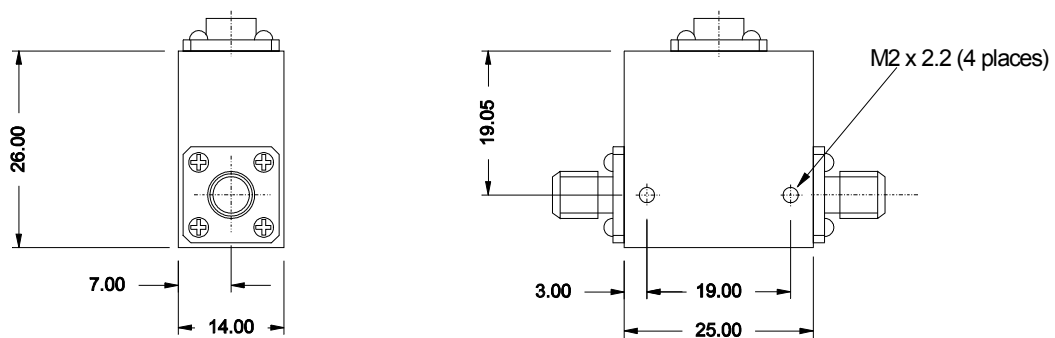
Isolator and Circulator versions of the P-5016 are available. The connector port configuration can be specified at the time of order, with both sexes of SMA and N type connectors available. A tab connector is also available to interface with a PCB launch. The Isolator can be fitted with a 10W or 30W termination. The device can be configured with the termination on any of the 3 ports.

<b>Frequency Range</b>	<b>2.0 - 2.5GHz with 100% Bandwidth</b>	
<b>Impedance</b>	50 ohm	
<b>Isolation</b>	20dB min.	23dB typ.
<b>VSWR</b>	1.25:1 max.	1.2:1 typ.
<b>Insertion Loss</b>	0.4dB max.	0.35dB typ.
<b>Forward Power</b>	30W CW	
<b>OTR</b>	-10 to +60 degrees Celsius	
<b>Connector Options</b>	SMA, N (Male / Female), Tab	
<b>Termination Options</b>	10W and 60W	
<b>Size</b>	25 x 26 x 14mm(nom. excluding conns.)	
<b>Finish</b>	Brushed Stainless Steel	
<b>Weight</b>	40 grams (nom.)	

# Mechanical Outline



Circulator Fitted with Tab Connectors (Scale 1:1 Dimensions:mm)



Isolator Fitted with SMA Connectors and 10W Termination (Scale 1:1 Dimensions:mm)