

## 12 to 28GHz – Band Pass Filter

### Design Features

- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.

### RF Characteristics

Model Number	Pass Band (GHz)	Insertion Loss Max(dB)	Ripple Max(dB)	VSWR Max	Rejection	Power (W)	Connector Type	Temp.(°C)
UIYBPF7016A122T127SF	12.2~12.7	1.0	0.25	1.22	90dB @DC~11.25GHz 90dB @13.65~18.0GHz	5	SMA-F	-30 ~ +70
UIYBPF7016A166T172SF	16.6~17.2	1.8	0.7	1.22	70dB @DC~16.1GHz 70dB @17.7~28.0GHz 50dB @16.1~16.3GHz 50dB @17.5~17.7GHz	5	SMA-F	-30 ~ +70
UIYBPF7016A20T28KF	20.0~28.0	0.9	0.5	1.3	80dB @DC~18.3GHz 80dB @29.45~50.0GHz 50dB @29.0~29.45GHz 44dB @18.3~19.0GHz	5	2.92mm-F	-30 ~ +70
UIYBPF7016A20T285KF	20.0~28.5	0.8	0.3	1.33	75dB @DC~18.0GHz 60dB @30.5~41.5GHz	5	2.92mm-F	-30 ~ +70

<sup>2</sup> Listed are specific frequency ranges and tailor-made ranges are available.

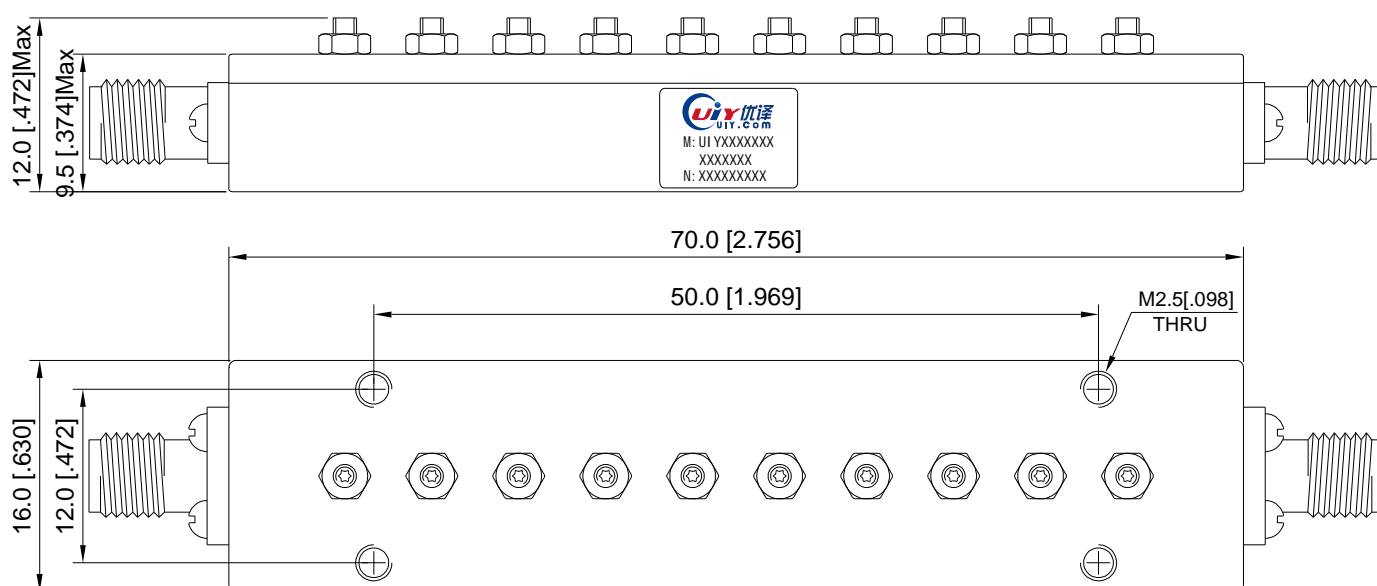
<sup>2</sup> Please provide the below information when inquiring and mark \* is required.

\* 1. The specific pass band frequency range.

\* 2. The specific rejection and frequency.

\* 3. Other special requests (such as Insertion Loss, VSWR, Connector Type, Dimension, etc.)

### Mechanical Drawing



Unit: mm/ inch, General part tolerance is  $\pm 2\%$  unless otherwise stated.

Ver. 5.1