

## Coaxial Band-pass Filter

32.75-33.15/ 2.92 Female

Model: TLBF-32G75-33G15-A

TLBF-32G75-33G15-A is a coaxial band-pass filter with a passband frequency from 32.75 to 33.15 and a rejection frequencies DC-29150MHz. The nominal insertion loss of the filter is 1.6 dB and the typical rejection is 40 dB.

### Features:

- Passband Frequency Range 32.75 to 33.15 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

### Applications:

- Instrumentations
- Radar Systems
- System Integrations

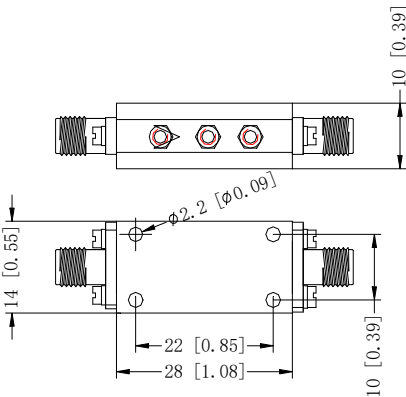
### Electrical Characteristics:

| Parameter                | Min             | Typ | Max   | Units |
|--------------------------|-----------------|-----|-------|-------|
| Passband Frequency range | 32.75           |     | 33.15 | GHz   |
| Passband Insertion Loss  |                 |     | 1.6   | dB    |
| Pass Band Ripple         |                 |     | 1.5   | dB    |
| Rejection                | ≥40@DC-29150MHz |     |       | dB    |
| Power Handling           |                 |     | 30    | W     |
| Input VSWR               |                 |     | 1.6   | :1    |
| Output VSWR              |                 |     | 1.6   | :1    |
| 阻抗 Impedance             | 50              |     |       | Ohms  |

### Envrionmental And Physical Characteristics:

| Description          | Parameter   | Units |
|----------------------|-------------|-------|
| Operating Temerature | -40 To +70  | °C    |
| Storage Temperature  | -40 to +70  | °C    |
| Connectors           | 2.92 Female |       |

Outline Drawing:
Unit:mm;



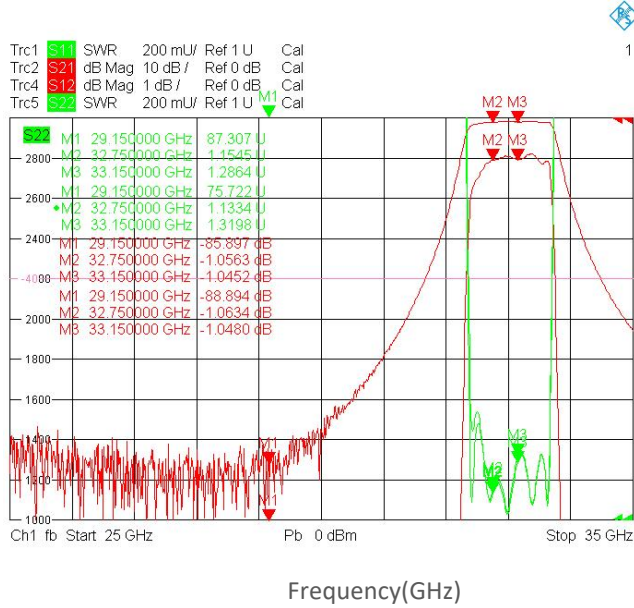


ESD Protection: Strictly  
adhere to ESD precautions  
to prevent electrostatic  
damage.

Ordering Information:

| Base Number        | Description                                                                                                      | Revision |
|--------------------|------------------------------------------------------------------------------------------------------------------|----------|
| TLBF-32G75-33G15-A | Coaxial Band-pass Filter,Passband frequency range:32.75 to 33.15 GHz ,Passband Insertion Loss:1.6dB, 2.92 Female | Rev.1.0  |

## 典型曲线 Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.