

LT-LF-DC-2.5G-2.92XX is a coaxial lowpass filter with a passband frequency from DC to 2.5 GHz . The nominal insertion loss of the filter is 1.3 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range DC to 2.5 GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

| Parameter                | Min                 | Typ | Max | Units |
|--------------------------|---------------------|-----|-----|-------|
| Passband Frequency range | DC                  | 2.5 |     | GHz   |
| Passband Insertion Loss  |                     |     | 1.3 | dB    |
| Rejection                | 20@3.9GHz,40@4.8GHz |     |     | dB    |
| Power Handling           |                     |     | 1   | W     |
| Return Loss              |                     | 18  |     | dB    |
| Impedance                | 50                  |     |     | Ohms  |

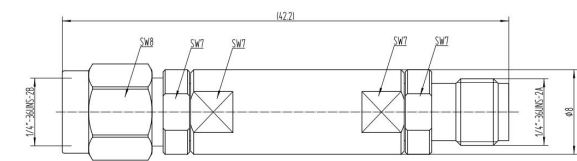
Envrionmental And Physical Characteristics:

| Description          | Parameter   | Units |
|----------------------|-------------|-------|
| Operating Temerature | -55 To +125 | °C    |
| Storage Temerature   | -65 to +150 | °C    |
| Connectors           | 2.92mm      |       |

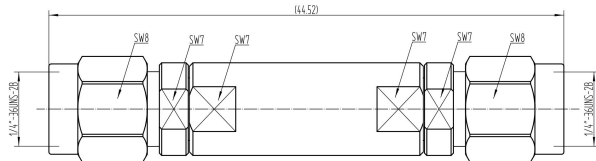
Coaxial Lowpass Filter  
LT-LF-DC-2.5G-2.92XX  
DC -2.5 GHz, 2.92 mm



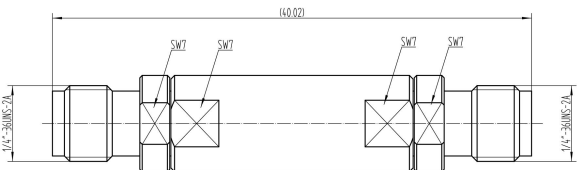
Outline Drawing: Unit:mm



LT-LF-DC-2.5G-2.92MF



LT-LF-DC-2.5G-2.92MM



LT-LF-DC-2.5G-2.92FF

Ordering Information:

| Base Number          | Description                                                                                                                                  | Revision |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|
| LT-LF-DC-2.5G-2.92MF | Coaxial Lowpass Filter,Passband frequency range:DC-2.5GHz,Passband Insertion Loss:1.3dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination | Rev.1.1  |
| LT-LF-DC-2.5G-2.92MM | Coaxial Lowpass Filter,Passband frequency range:DC-2.5GHz,Passband Insertion Loss:1.3dB, 2.92mm Male Coaxial Fixed Termination               | Rev.1.1  |
| LT-LF-DC-2.5G-2.92FF | Coaxial Lowpass Filter,Passband frequency range:DC-2.5GHz,Passband Insertion Loss:1.3dB, 2.92mm Female Coaxial Fixed Termination             | Rev.1.1  |