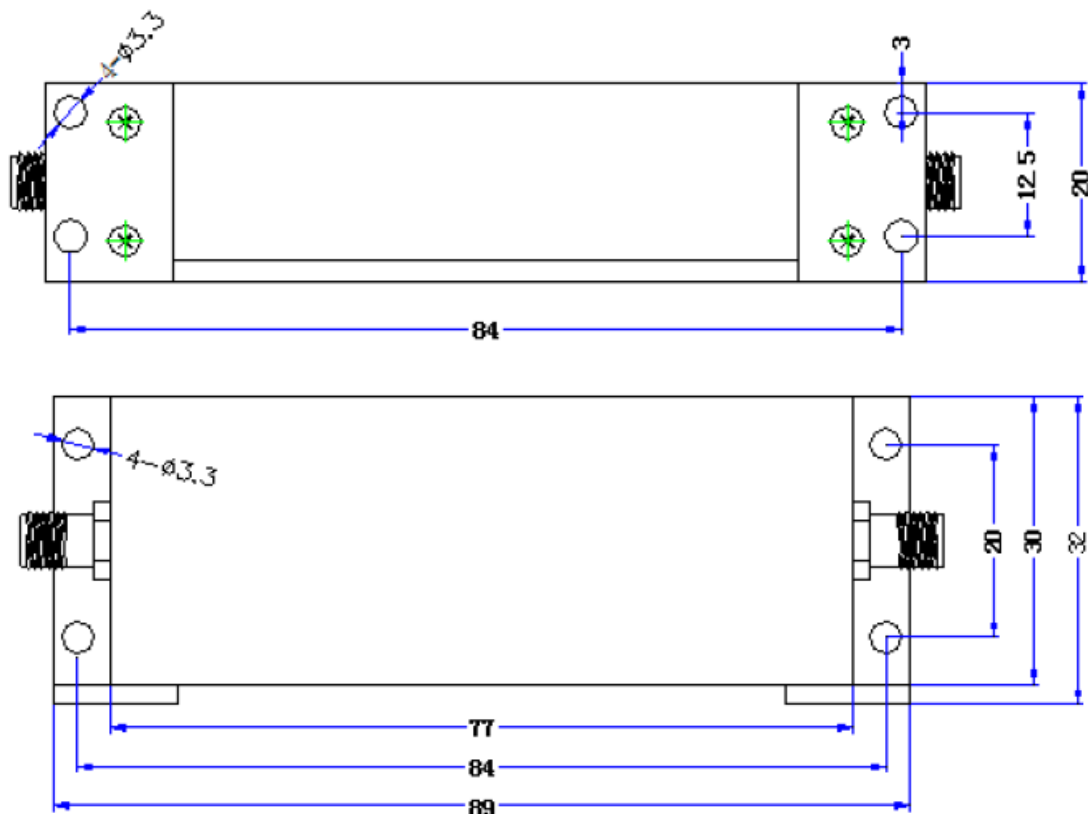


# BPF Band Pass Filter

Each helical filter (bandpass filter) is customized according to needs, and the size of different working frequency bands is different. The following helical filter for reference:

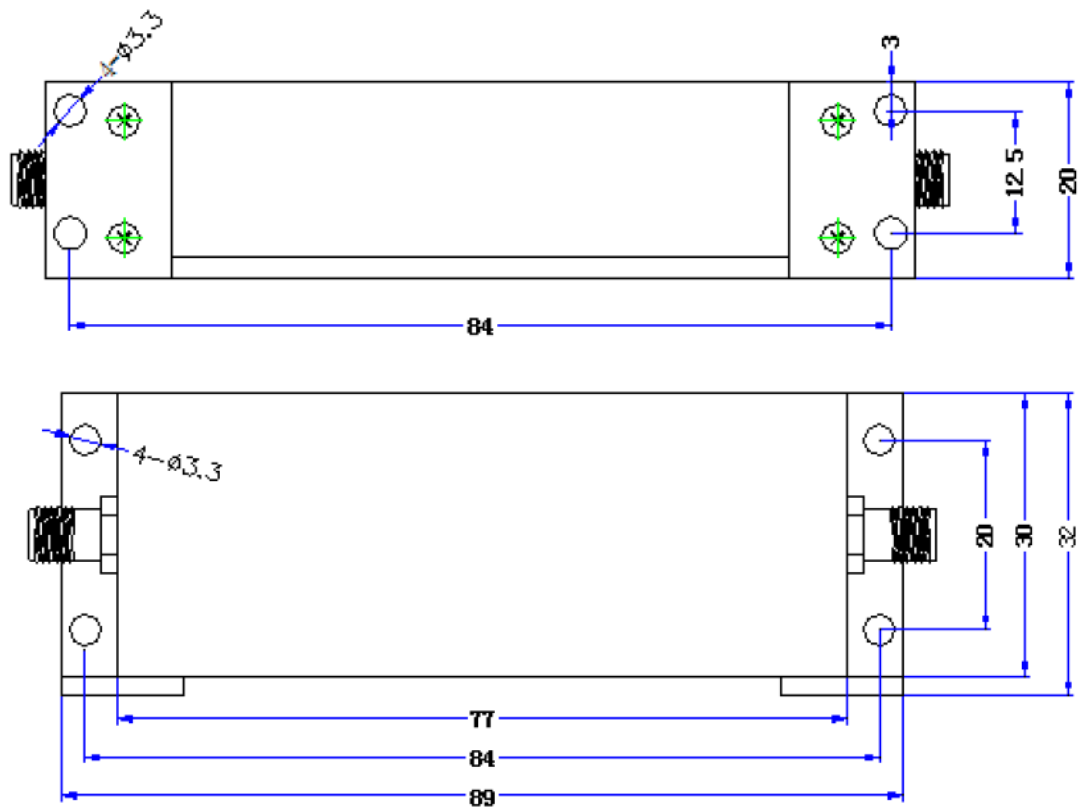
**1. 600~620MHz helical filter**

working frequency	600~620Mhz 610±10MHz
Insertion loss	≤1.2db
in-band ripple	≤0.3db
VSWR	≤1.3
out-of-band suppression	≥40dB@Fo 570MHz ≥40dB@Fo 650MHz
withstand power	20W
Connector	SMA-K
Dimensions	89×32×20mm
weight	90 grams



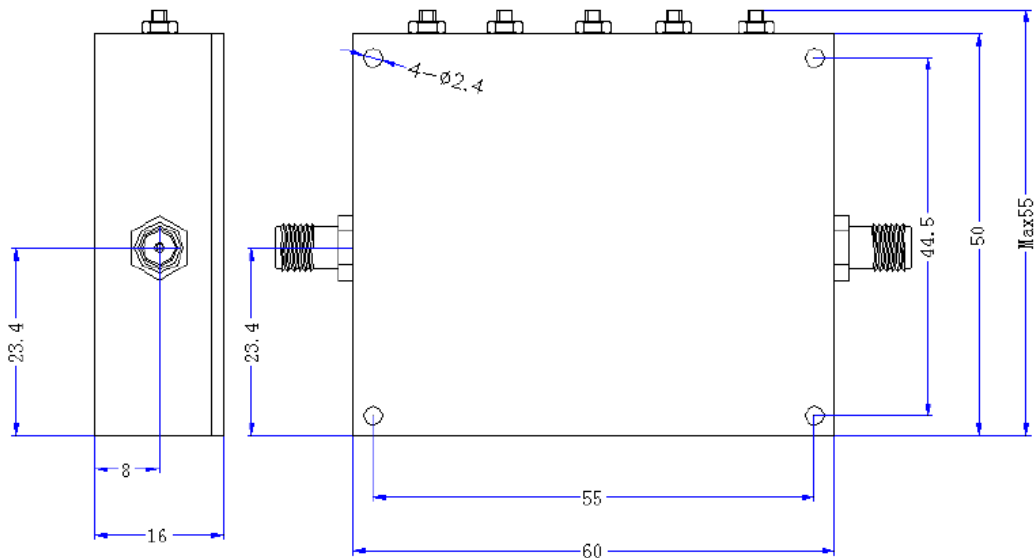
**2. 806~826MHz helical filter**

working frequency	806~826Mhz 810±10MHz
Insertion loss	≤1.2db
in-band ripple	≤0.5db
VSWR	≤1.3
out-of-band suppression	≥40dB@DC~755MHz ≥40dB@875~2000MHz
withstand power	20W
Connector	SMA-Male
Dimensions	89×32×20mm
weight	90 grams



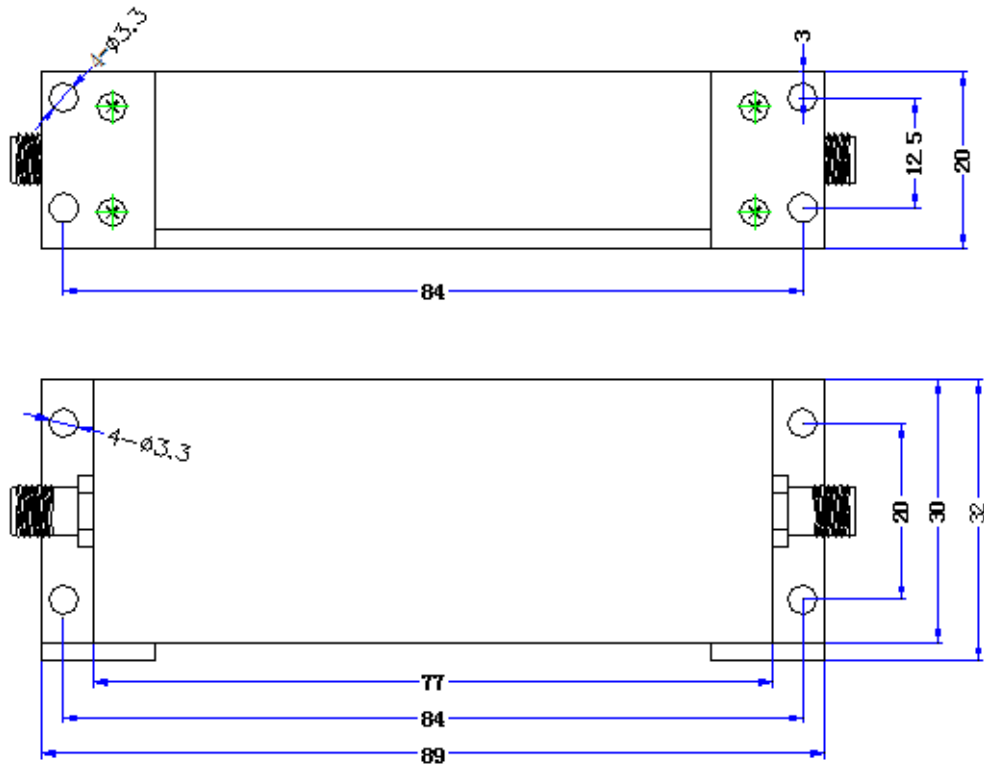
**3. 1427.9~1447.9MHz helical filter**

working frequency	1427.9~1447.9MHz 1437.9±10MHz
Insertion loss	≤1.0db
in-band ripple	≤0.5db
VSWR	≤1.3
out-of-band suppression	≥40dB@DC~1360MHz ≥40dB@1570~2000MHz
withstand power	20W
Connector	SMA-Male
Dimensions	60×50×16mm
weight	70 grams



#### 4. 433Mhz Helical Filter

working frequency	433±5MHz
Insertion loss	≤2db
in-band ripple	≤0.5db
VSWR	≤1.4
out-of-band suppression	≥40dB Fo 405MHz ≥40dB Fo 461MHz
withstand power	20W
Connector	SMA-50K
Dimensions	89×32×20mm
weight	90 grams



5. The actual photo of the spiral filter is for reference:

