

SPECIFICATION

ITEM: CRYSTAL BANDPASS FILTER
 PART NUMBER: FN-1781RW
 RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
5/12/2021 ^(PG)	5/12/2021 ^(TG)	5/12/2021 ^(JE)	5/12/2021 ^(PG)

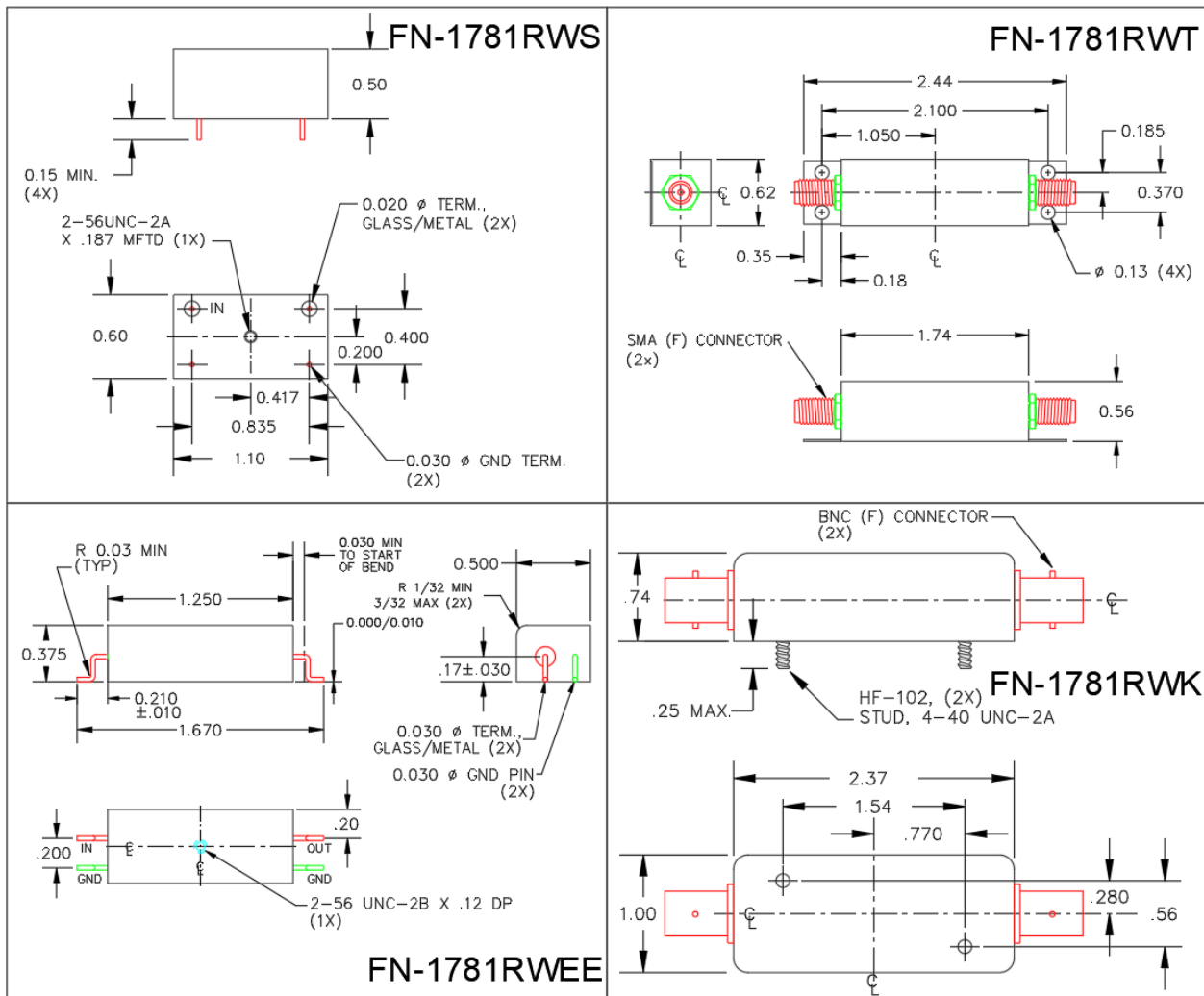
FILTRONETICS Inc

1. Part Number: FN-1781RW

2. Electrical Specifications:

Filter Type	Band Pass
Center Frequency (Fo)	80.0 MHz
3 dB Band Width:	4.0 kHz Min
Insertion Loss:	6 dB Max
Pass Band Ripple:	0.25 dB Max
30 dB Band Width:	±11 kHz Max
50 dB Band Width:	±25 kHz Max
Spurious Attenuation:	50 dB Min
Impedance:	50 Ohms
Operating Temperature:	-32°C to +80°C
Workmanship:	J-STD-001
RoHS Compliant:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

3. Example Mechanical Package Styles



4. Plots (Optional)

REF LEVEL -4.856dB /DIV 1.000dB OFFSET 0.000Hz
 MAG (S21) -3.868dB

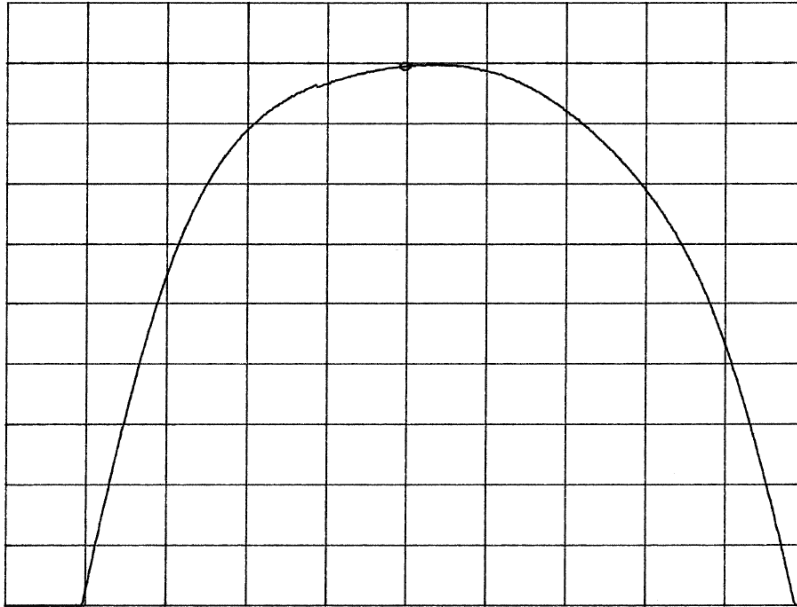
FN-1781
 PHOTO No. 1

PASSBAND

I.L. 3.87dB

@ 80MHz

AMBIENT



CENTER 80 000 000.000Hz SPAN 10 000.000Hz
 AMPTD 0.0dBm

REF LEVEL -4.779dB /DIV 10.000dB OFFSET 0.000Hz
 MAG (S21) -0.001dB

10/29/93

FN-1781

PHOTO No. 1

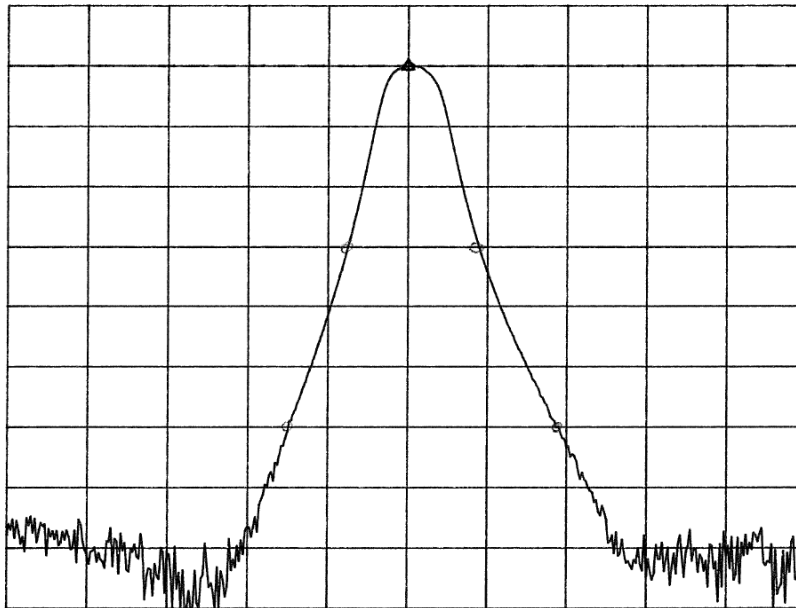
STOPBAND

AMB.

18dB BW: +6.5kHz
 -5.5kHz

30dB BW: +9kHz
 -7.5kHz

60dB BW: +19kHz
 -15kHz



CENTER 80 000 000.000Hz SPAN 100 000.000Hz
 AMPTD 15.0dBm