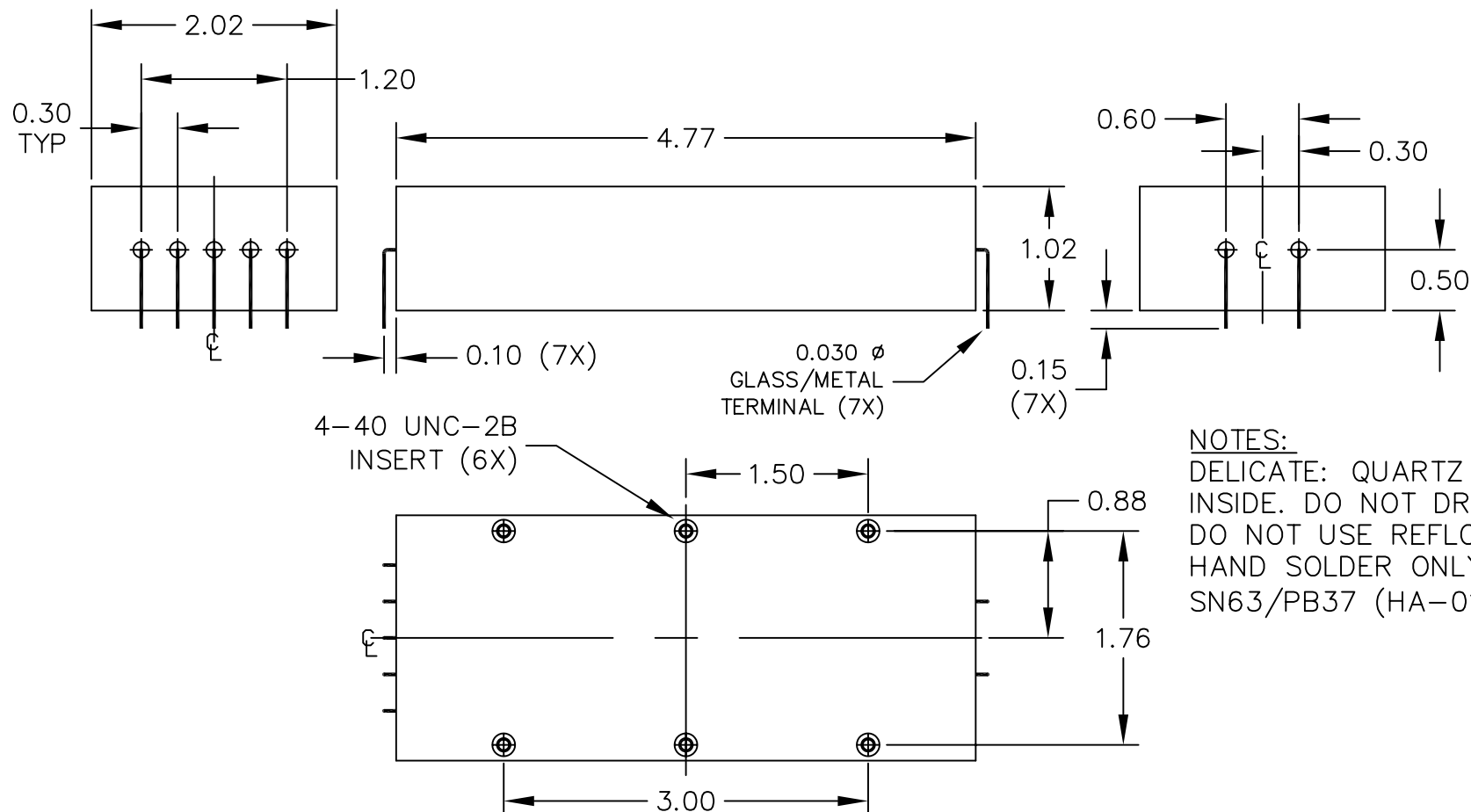




**NOTES:**  
 DELICATE: QUARTZ CRYSTALS  
 INSIDE. DO NOT DROP.  
 DO NOT USE REFLOW OVEN.  
 HAND SOLDER ONLY – USE  
 SN63/PB37 (HA-019) SOLDER.

## BANDPASS FILTER

|                         |               |
|-------------------------|---------------|
| Fo:                     | 80 KHz        |
| IMPEDANCE :             | 50 ohm IN/OUT |
| INSERTION LOSS:         | 4.0 dB MAX    |
| RIPPLE:                 | 0.1 dB MAX    |
| 3dB BANDWIDTH:          | 10 Hz MIN     |
| 60dB BANDWIDTH:         | 50 Hz MAX     |
| OPERATING TEMPERATURE : | 0°C to +60°C  |

### FN-920W DRAWING SUMMARY SHEET 1 OF 3

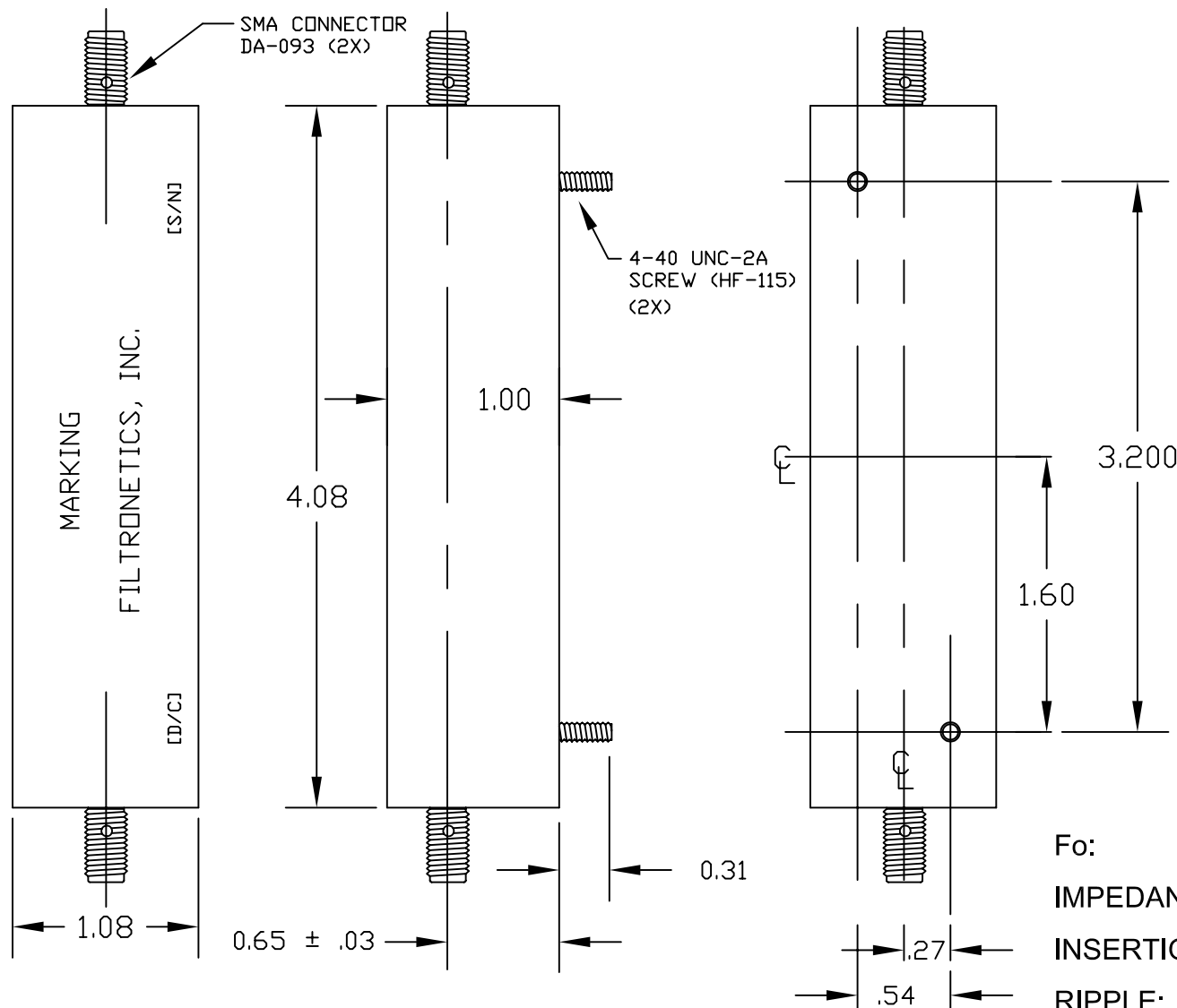
#### **FILTRONETICS, INC.**

6010 PARRETTA DR.  
 KANSAS CITY, MO 64120  
 816-231-7375  
 FAX 816-241-0368  
 WWW.FILTRO.NET

#### TOLERANCES UNLESS NOTED

|                       |            |
|-----------------------|------------|
| ANGLE = $\pm 1^\circ$ | HOLES      |
| .XX = $\pm .020$      | $\pm .002$ |
| .XXX = $\pm .010$     |            |

REVISED 01/08/2014 ECO 4507



**NOTES:**  
 DELICATE: QUARTZ CRYSTALS  
 INSIDE. DO NOT DROP.  
 DO NOT USE REFLOW OVEN.  
 HAND SOLDER ONLY – USE  
 SN63/PB37 (HA-019) SOLDER.

### BANDPASS FILTER

**Fo:** 80 KHz  
**IMPEDANCE :** 50 ohm IN/OUT  
**INSERTION LOSS:** 4.0 dB MAX  
**RIPPLE:** 0.1 dB MAX  
**3dB BANDWIDTH:** 10 Hz MIN  
**30dB BANDWIDTH:** 66 Hz MAX  
**INPUT LEVEL:** 0 dBm.  
**OPERATING TEMPERATURE :** 0°C to +60°C

### FN-920W DRAWING SUMMARY

SHEET 2 OF 3

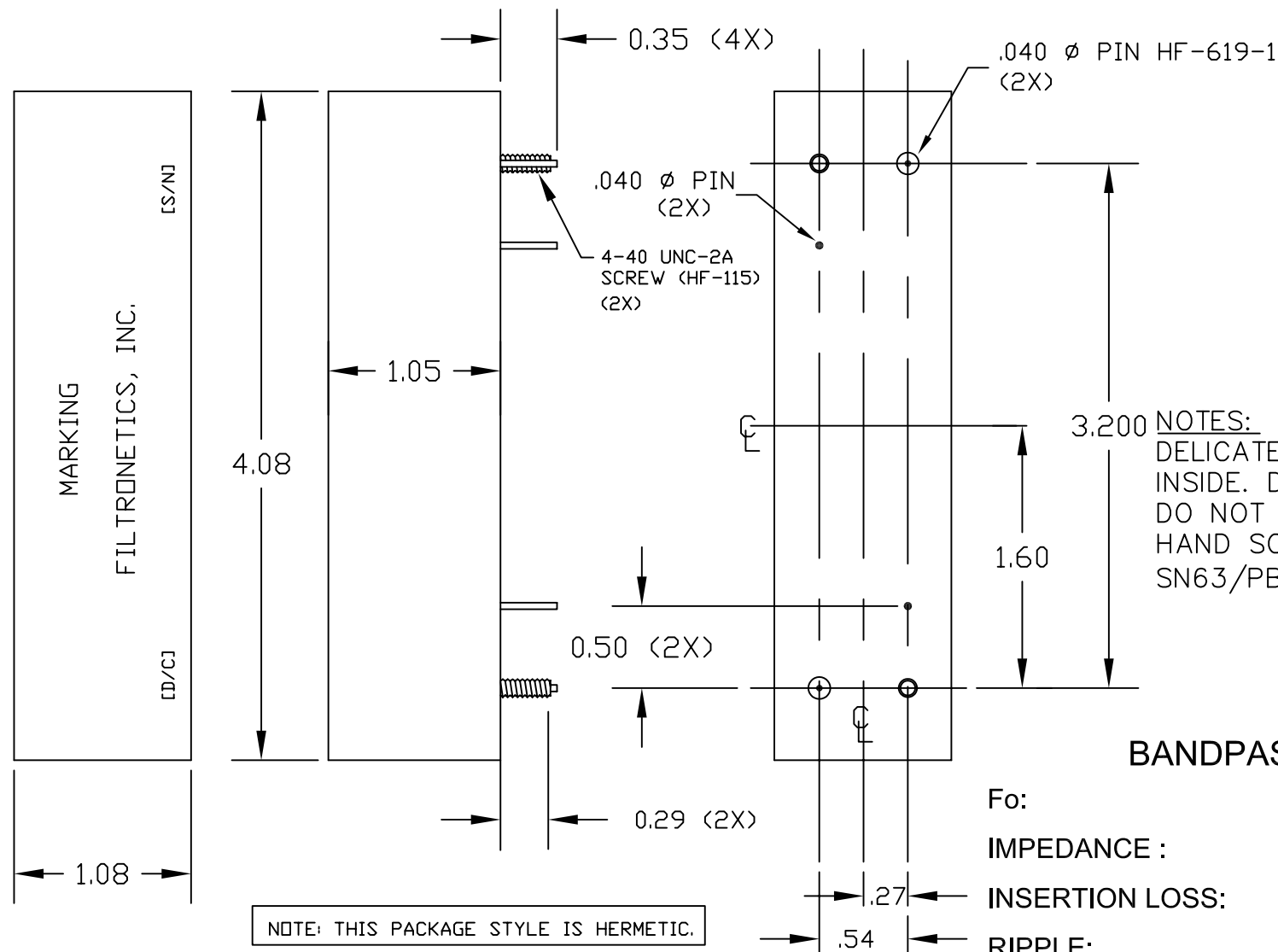
#### **FILTRONETICS, INC.**

6010 PARRETTA DR.  
 KANSAS CITY, MO 64120  
 816-231-7375  
 FAX 816-241-0368  
 WWW.FILTRO.NET

#### TOLERANCES UNLESS NOTED

|               |        |
|---------------|--------|
| ANGLE = ± 1°  | HOLES  |
| .XX = ± .020  | ± .002 |
| .XXX = ± .010 |        |

REVISED 01/08/2014 ECO 4507



NOTES:  
DELICATE: QUARTZ CRYSTALS  
INSIDE. DO NOT DROP.  
DO NOT USE REFLOW OVEN.  
HAND SOLDER ONLY – USE  
SN63/PB37 (HA-019) SOLDER.

### BANDPASS FILTER

Fo: 80 KHz

IMPEDANCE : 50 ohm IN/OUT

INSERTION LOSS: 4.0 dB MAX

RIPPLE: 0.1 dB MAX

3dB BANDWIDTH: 10 Hz MIN

30dB BANDWIDTH: 66 Hz MAX

INPUT LEVEL:  $\emptyset$  dBm.

OPERATING TEMPERATURE : 0°C to +60°C

### FN-920W DRAWING SUMMARY

SHEET 3 OF 3

#### FILTRONETICS, INC.

6010 PARRETTA DR.  
KANSAS CITY, MO 64120  
816-231-7375  
FAX 816-241-0368  
WWW.FILTRO.NET

#### TOLERANCES UNLESS NOTED

|                       |            |
|-----------------------|------------|
| ANGLE = $\pm 1^\circ$ | HOLES      |
| .XX = $\pm .020$      | $\pm .002$ |
| .XXX = $\pm .010$     |            |

REVISED 01/08/2014 ECO 4507