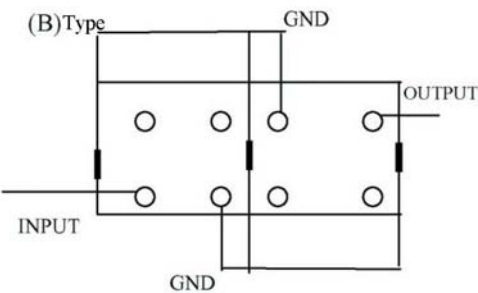
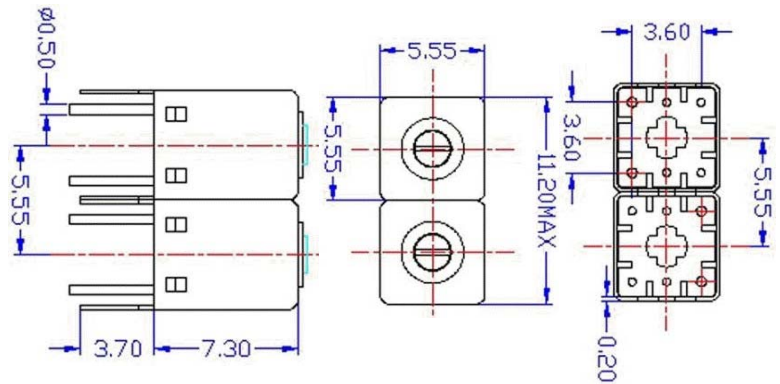


VHF UHF Helical Filter Specification Sheet

| | | | |
|----------------------|-------------|-----------------------|---------------|
| Customer Name | | Temwell's Part No. | K2RB-862M-21M |
| Approval No. /dated | 0907076CD | Temwell's print name. | K2RB 862M |
| Work Instruction No. | 200907076CD | Date | Aug.21.2009 |

| | |
|---|--|
| <p>(1) Pin Position</p>  <p style="text-align: center;">(Bottom View)</p> | <p>(2) Size Diagram</p>  |
|---|--|

(3) Electric Characteristic

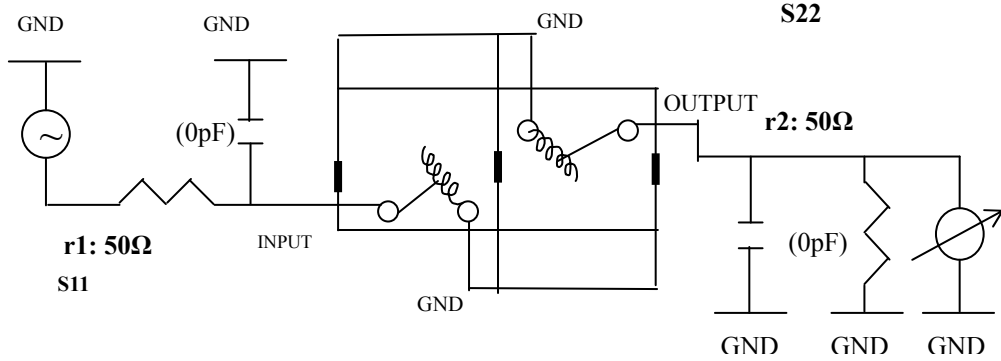
| Item | Specify | Performance |
|------------------------------|-----------------|-----------------|
| Center Freq.(Fo) +/- 0.5 % | 862 MHz | 862 MHz |
| Insertion Loss | Typ. 3.5 dB | 2.37 dB |
| -3 dB Bandwidth | Typ. 21 MHz | 28.5 MHz |
| Sensitivity (Attenuation) | Fo - 100 MHz | Typ. 34 dB |
| | Fo + 100 MHz | Typ. 26 dB |
| | Fo - ()MHz | Typ. dB |
| | Fo +()MHz | Typ. dB |
| Return Loss | Min. 12 dB | 20.4 dB |
| Ripple | < 1 dB | dB |
| Impedance | In / Out : 50 Ω | In / Out : 50 Ω |
| (4) Torque for Tuning Screw | > 60gf · cm | |

(5) Temperature Condition:

| | |
|-----------------------|---------------|
| Operating Temperature | 0°C ~ +60°C |
| Storage Temperature | -20°C ~ +70°C |

(6) Input Power

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω/ by parallel with about (0pF) /(0pF).



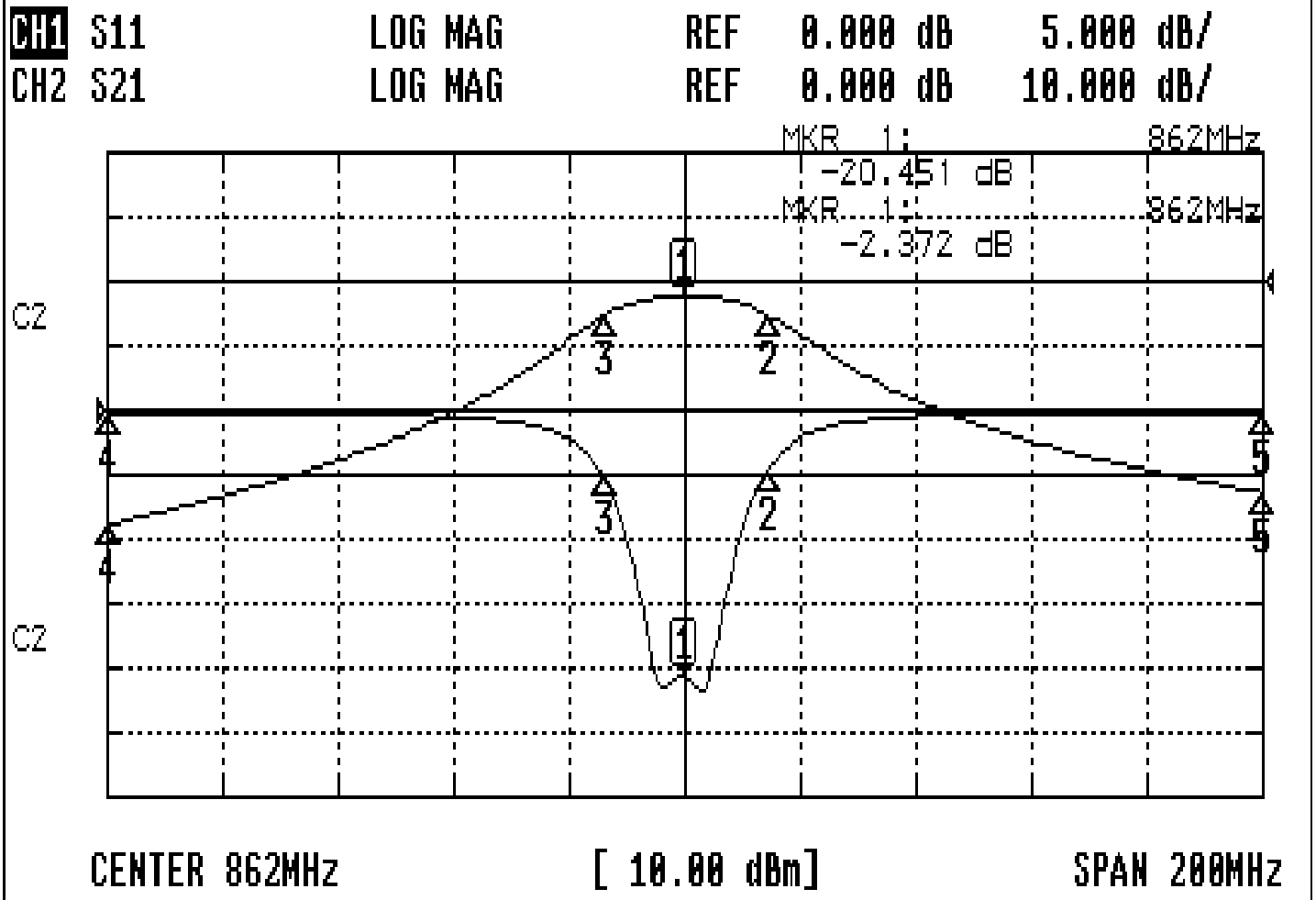
(Bottom View)

| | | | |
|-----------|------------|----------|----------------------------------|
| Approval | Supervisor | Designer | Aperture size |
| C.Y.Chang | C.K.Chang | C.H.Yeh | 5R2S(3.8*3.7)(3.79) 5HW024RB3 |

TEMWELL CORPORATION

Performance-K2RB-862M-21M

200907076CD



CH1 MARKER LIST

| | | | |
|----|------------|---------|----|
| 1: | 862.000MHz | -20.451 | dB |
| 2: | 876.500MHz | -4.637 | dB |
| 3: | 848.000MHz | -5.080 | dB |
| 4: | 762.000MHz | -0.185 | dB |
| 5: | 962.000MHz | -0.204 | dB |

CH2 MARKER LIST

| | | | |
|----|------------|---------|----|
| 1: | 862.000MHz | -2.375 | dB |
| 2: | 876.500MHz | -1.305 | dB |
| 3: | 848.000MHz | -1.000 | dB |
| 4: | 762.000MHz | -7.720 | dB |
| 5: | 962.000MHz | -32.671 | dB |