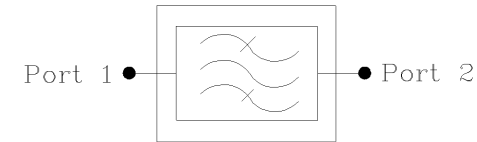
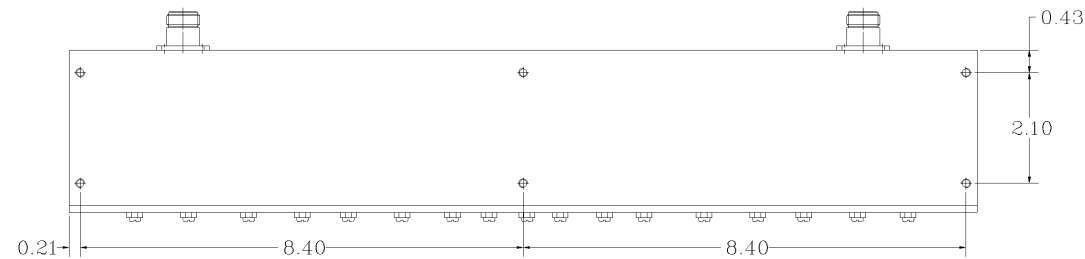
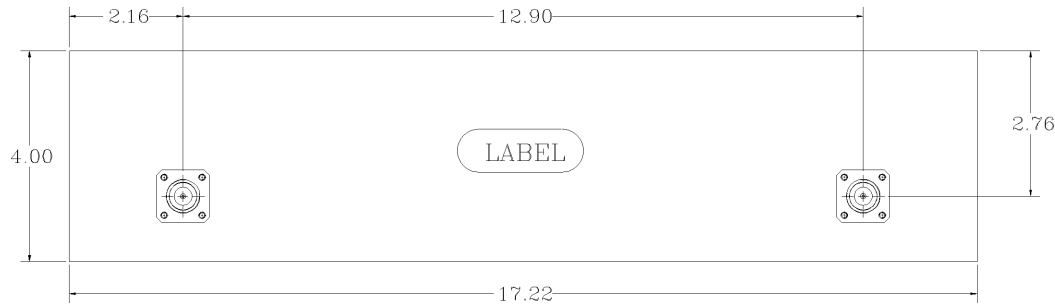
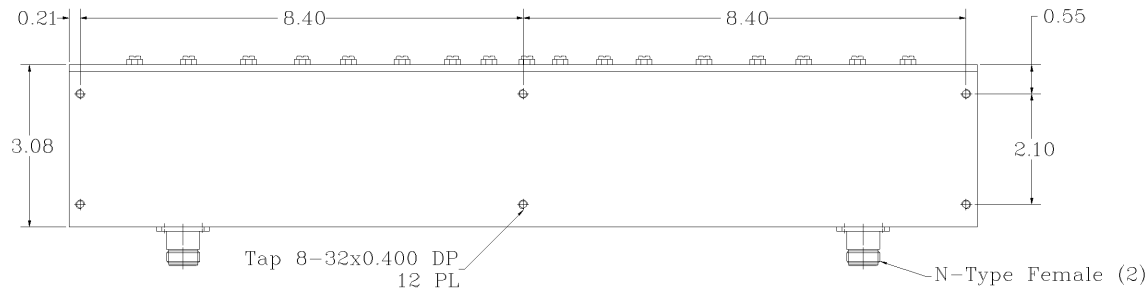


| REVISIONS | | | |
|-----------|--|------|----------|
| REV | | DATE | APPROVED |
| | | | |
| | | | |
| | | | |



Electrical Specifications
(Across defined Operating Temperature Range)

- *Pass Band Range [MHz] : 940 to 960
- *Pass Band Insertion Loss across passband [dB] : <1.30, 1.1 (Typ.)
- *Pass Band Ripple [dB] : < 0.4 P-T-P
- *Pass Band Atten. @ 895 to 915 MHz [dBc] : 85 (Min.), 87 (Typ.)
- @ 917 to 927 MHz [dBc] : 30 (Min.), 32 (Typ.)
- @ 962.5 to 965.5 MHz [dBc] : 30 (Min.), 32 (Typ.)
- *Pass Band Return Loss [dB] : -16 (Max.), <1.38:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 200 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -0°C TO +45°C

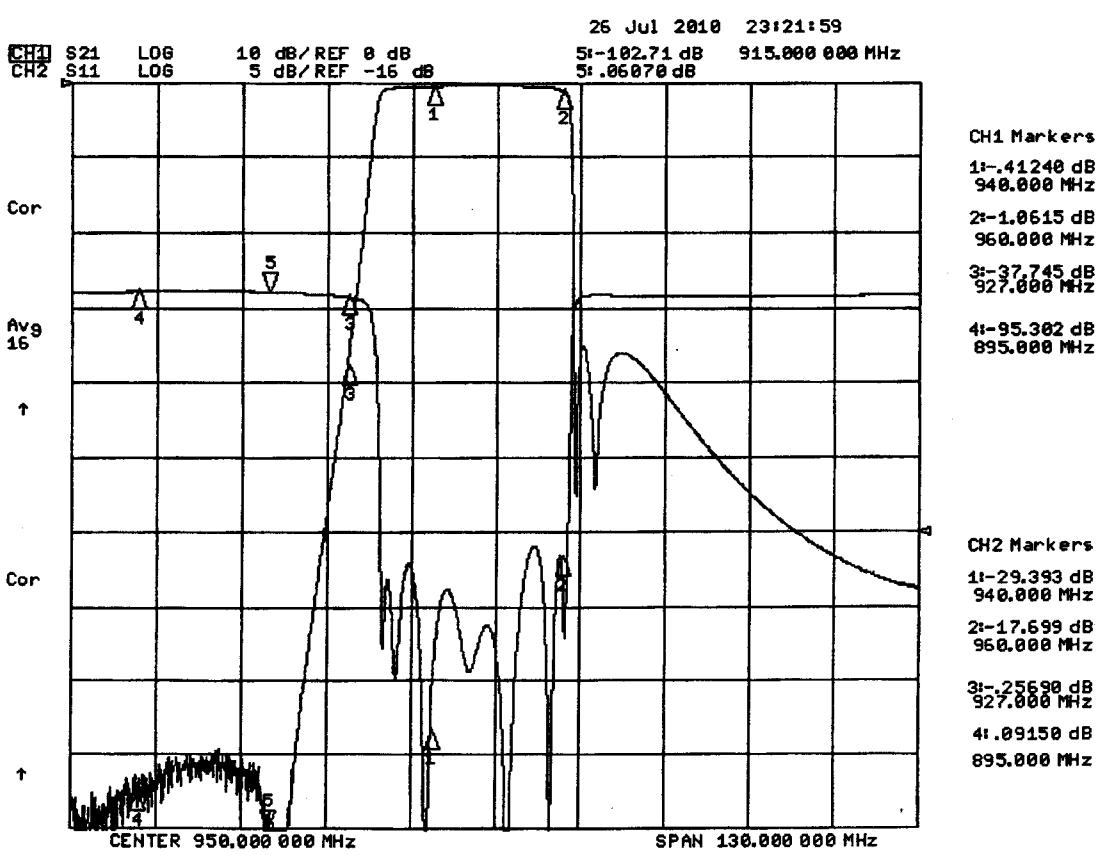
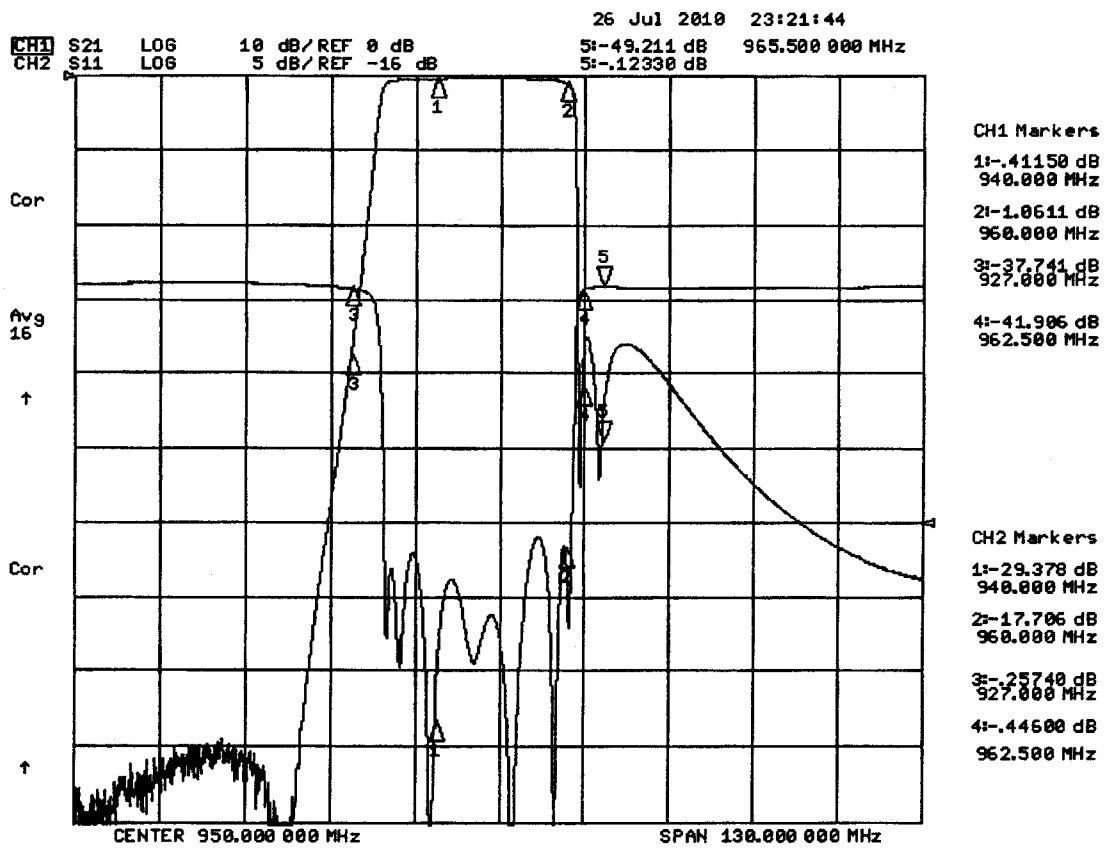
Final Data 801 points over temperature range: -0°C, +25°C, +45°C

PROPRIETARY DOCUMENT:
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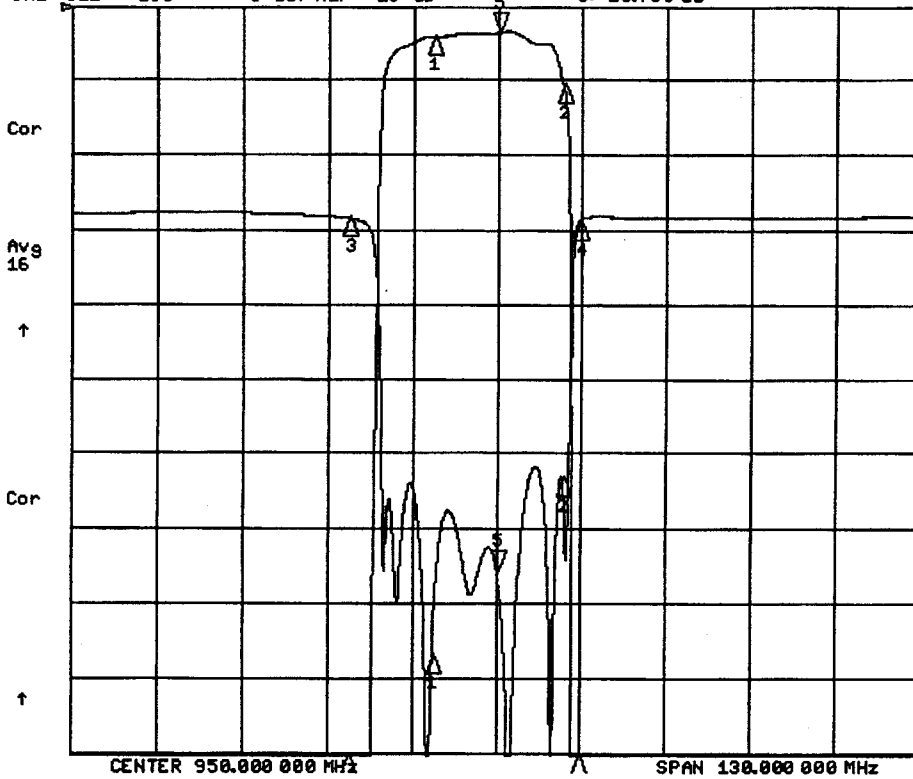
NOTES:

1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

| | | | | | |
|--|--------------------------------------|-----------------|-------|--------------------------------|-----------------|
| DIMENSIONS ARE IN INCHES TOLERANCES ARE | | CONTRACT NO: | | G-Way Microwave | |
| ANGLES | DECIMALS | APPROVALS | DATE | | |
| ± 1° | .X ± .05 .XX ± .01 .XXX ± .003 | DRAWN Segal | 07/10 | Filter GSM Tx CB950/20HK-D7 | |
| TREATMENT | | CHECKED | | SIZE | CAGE CODE |
| FINISH 63/ | | ENG. | | A | 3K1H4 |
| MATERIAL AL6061-T6 | | DESIGN ACTIVITY | | DWG NO: | CB950/20HK-D7-1 |
| | | | | SCALE | None |
| | | | | | |
| | | | | SHEET | 1 OF 1 |
| | | | | REV. | 0 |



26 Jul 2010 23:23:11
 CH1 S21 LOG 1 dB/REF 0 dB 5*-34.960 dB 950.000 000 MHz
 CH2 S11 LOG 5 dB/REF -16 dB 5*-23.769 dB



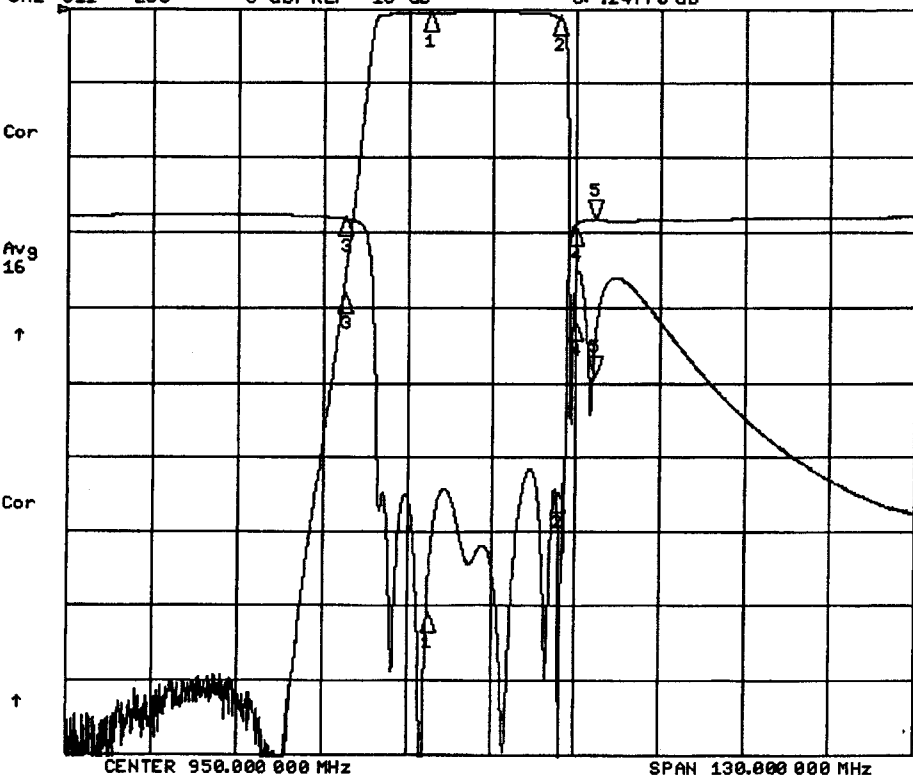
CH1 Markers

- 1*-41.220 dB
940.000 MHz
- 2*-1.0621 dB
960.000 MHz
- 3*-37.754 dB
927.000 MHz
- 4*-41.945 dB
962.500 MHz

CH2 Markers

- 1*-29.463 dB
940.000 MHz
- 2*-17.698 dB
960.000 MHz
- 3*-26.140 dB
927.000 MHz
- 4*-4.4870 dB
962.500 MHz

26 Jul 2010 23:24:57
 CH1 S21 LOG 10 dB/REF 0 dB 5*-49.169 dB 965.500 000 MHz
 CH2 S11 LOG 5 dB/REF -16 dB 5*-24.770 dB



CH1 Markers

- 1*-4.2460 dB
940.000 MHz
- 2*-1.0474 dB
960.000 MHz
- 3*-38.137 dB
927.000 MHz
- 4*-41.992 dB
962.500 MHz

REVERSED

CH2 Markers

- 1*-26.496 dB
940.000 MHz
- 2*-18.507 dB
960.000 MHz
- 3*-12.540 dB
927.000 MHz
- 4*-6.5210 dB
962.500 MHz