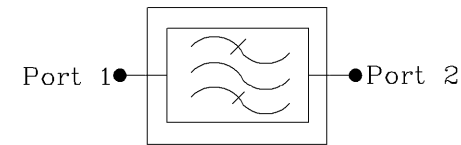
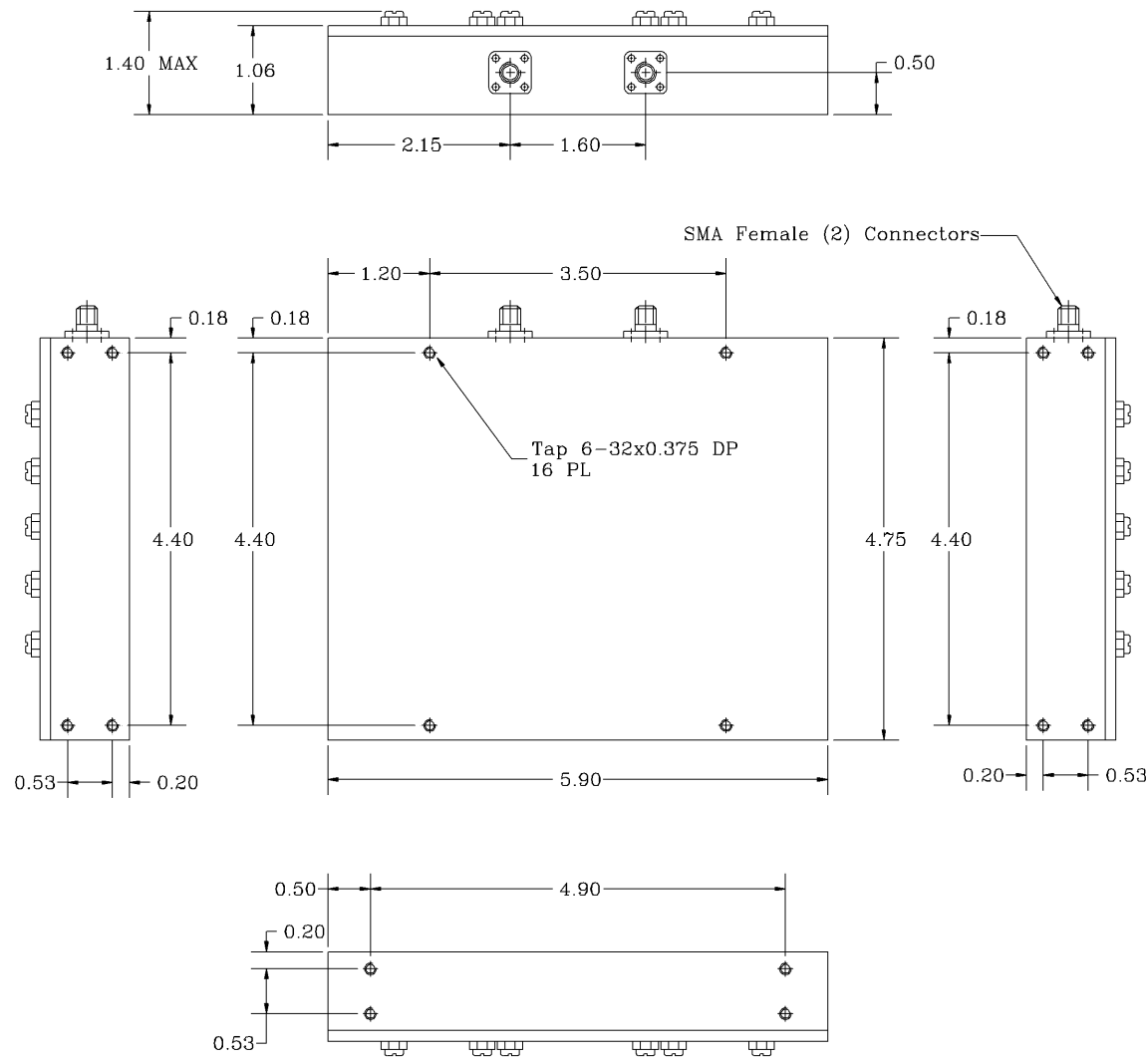


REVISIONS			
REV		DATE	APPROVED
A	Change Size & position mount.holes	09/07	G. David



Electrical Specifications

- *Pass Band Range [MHz] : 1709 to 1786
- *Pass Band Insertion Loss [dB] : <0.8, 0.5 (Typ.)
- *Pass Band Ripple [dB] : <0.5 P-T-P
- *Attenuation DC to 1350 MHz [dB] : 60 (Min.), 70 (Typ.)
- 1350 to 1690 MHz [dB] : 40 (Min.), 55 (Typ.)
- 1805 to 1880 MHz [dB] : 45 (Min.), 50 (Typ.)
- 1990 to 4000 MHz [dB] : 55 (Min.)
- *Pass Band Return Loss [dB] : -18 (Max.), <1.28:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 5 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -20°C TO +85°C

PROPRIETARY DOCUMENT:
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NOTES:

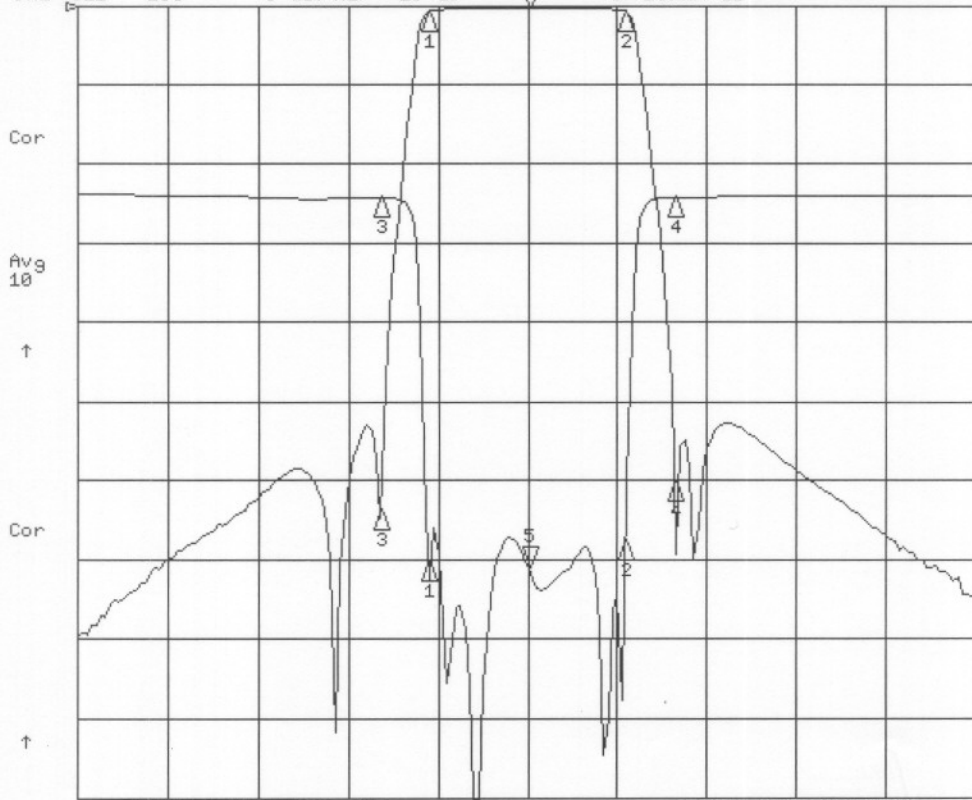
- BREAK ALL CORNERS & EDGES.005/.010.
- FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		G-Way Microwave				
ANGLES	DECIMALS	APPROVALS	DATE					TITLE
± 1°	.X ± .05 .XX ± .01 .XXX ± .003	DRAWN	Segal	09/07	Band Pass Filter			
TREATMENT		CHECKED			CB1748/77SK-D1			
FINISH	63/	ENG.			SIZE	CAGE CODE	DWG NO:	REV.
MATERIAL	AL6061-T6	DESIGN ACTIVITY			A	3K1H4	CB1748/77SK-D1-1	A
					SCALE	None		SHEET 1 OF 1

CB1748/77SK-D1

6 Aug 2007 13:20:59

CH1 S21 LOG 10 dB/REF 0 dB 5: -.32640 dB 1 748.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5: -.23.507 dB



CH1 Markers

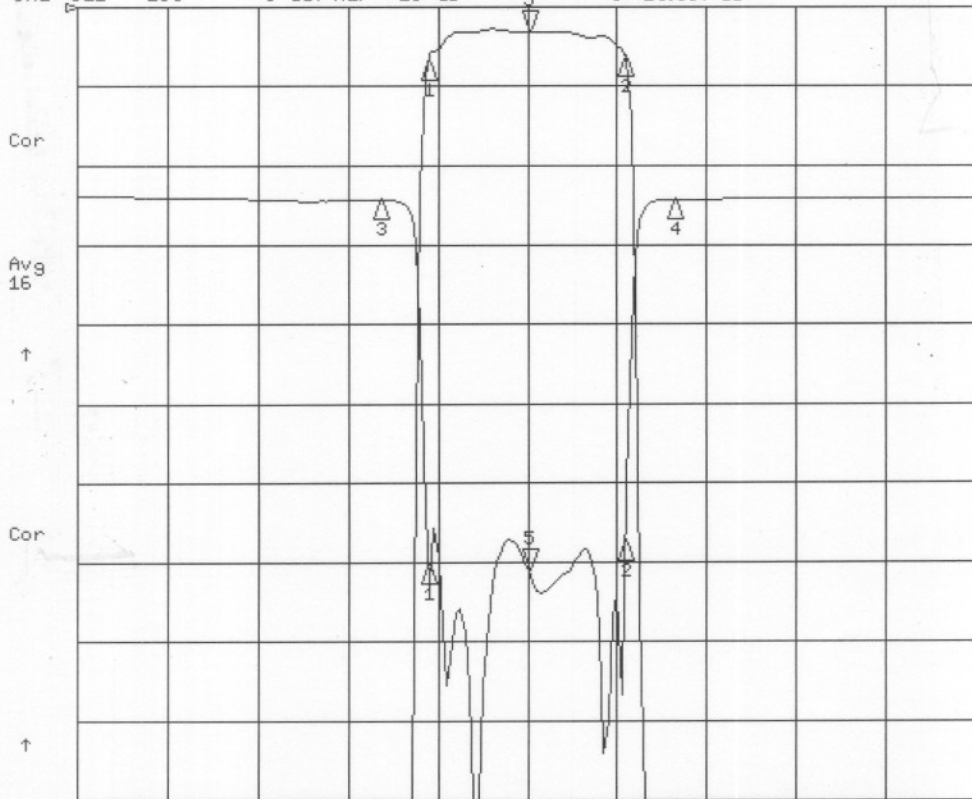
1: -.68380 dB
1.70900 GHz
2: -.62320 dB
1.78600 GHz
3: -.63.806 dB
1.69000 GHz
4: -.60.132 dB
1.80500 GHz

CH2 Markers

1: -.23.123 dB
1.70900 GHz
2: -.21.749 dB
1.78600 GHz
3: -.16870 dB
1.69000 GHz
4: -.16760 dB
1.80500 GHz

6 Aug 2007 13:21:03

CH1 S21 LOG 1 dB/REF 0 dB 5: -.32730 dB 1 748.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5: -.23.507 dB



CH1 Markers

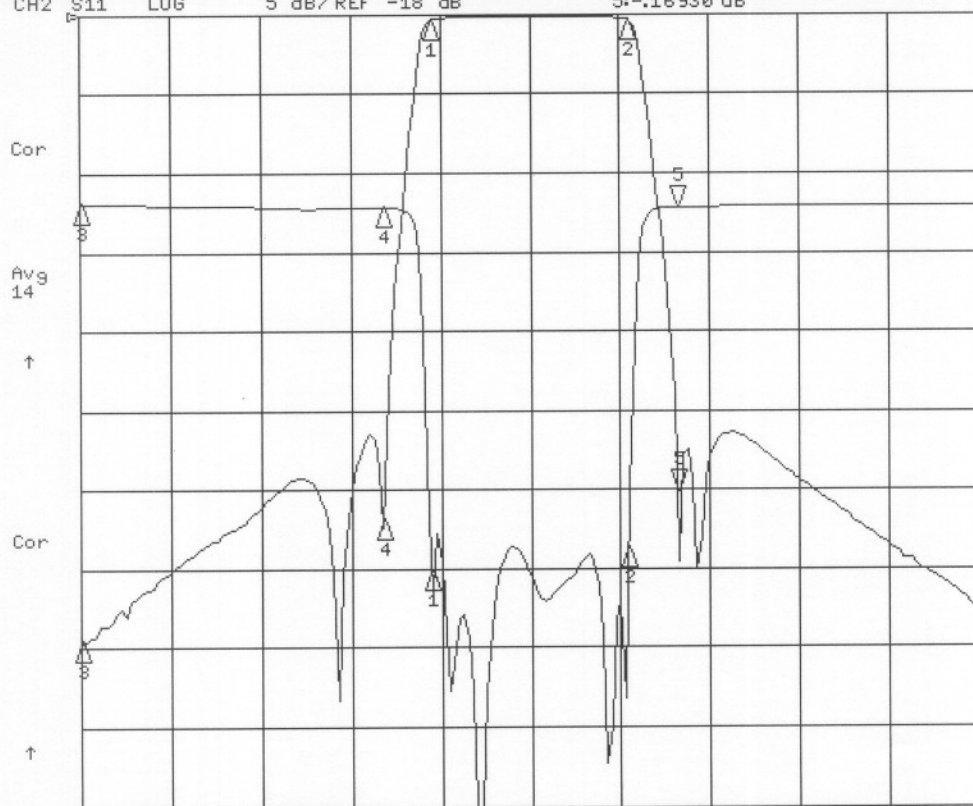
1: -.67680 dB
1.70900 GHz
2: -.62390 dB
1.78600 GHz
3: -.63.765 dB
1.69000 GHz
4: -.59.965 dB
1.80500 GHz

CH2 Markers

1: -.23.152 dB
1.70900 GHz
2: -.21.743 dB
1.78600 GHz
3: -.16510 dB
1.69000 GHz
4: -.16830 dB
1.80500 GHz

6 Aug 2007 13:20:09

CH1 S21 LOG 10 dB/REF 0 dB 5:-60.033 dB 1 805.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-16.930 dB



CH1 Markers

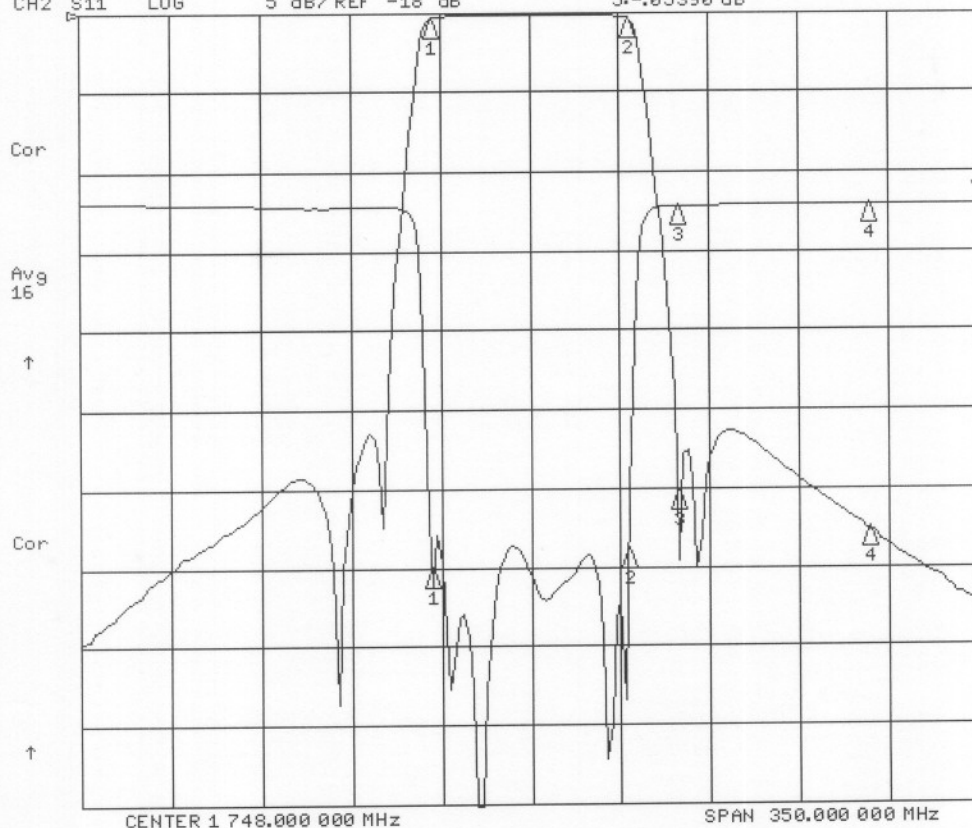
- 1:-67.180 dB
1.70900 GHz
- 2:-61.710 dB
1.78600 GHz
- 3:-79.205 dB
1.57300 GHz
- 4:-63.652 dB
1.69000 GHz

CH2 Markers

- 1:-23.106 dB
1.70900 GHz
- 2:-21.714 dB
1.78600 GHz
- 3:-06.960 dB
1.57300 GHz
- 4:-16.910 dB
1.69000 GHz

6 Aug 2007 13:20:33

CH1 S21 LOG 10 dB/REF 0 dB 5:-74.660 dB 1 923.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-05.390 dB



CH1 Markers

- 1:-67.300 dB
1.70900 GHz
- 2:-62.300 dB
1.78600 GHz
- 3:-60.069 dB
1.80500 GHz
- 4:-65.019 dB
1.88000 GHz

CH2 Markers

- 1:-22.986 dB
1.70900 GHz
- 2:-21.860 dB
1.78600 GHz
- 3:-16.140 dB
1.80500 GHz
- 4:-03.700 dB
1.88000 GHz