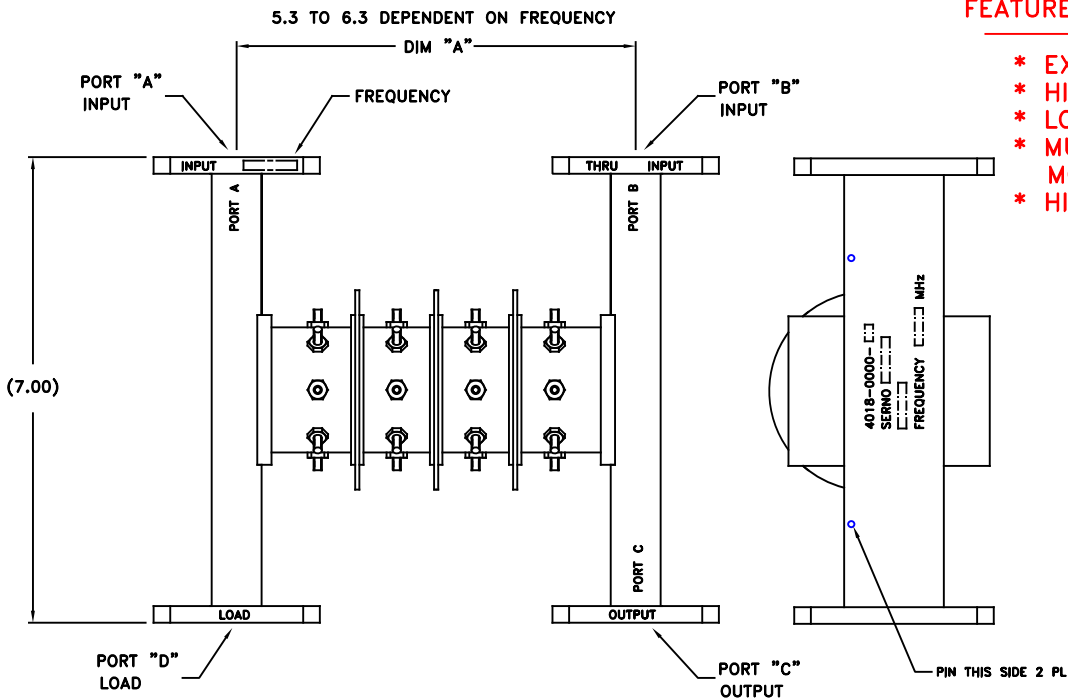


Standard Dplexers

G NO.	Fo (Mhz)	Dim. "A" ± 0.020"
1	6145	5.828
2	6225	5.715
3	6345	5.556
4	6265	5.660
5	5965	6.113
6	5985	6.078
7	6125	5.857
8	6105	5.887
9	6405	5.479
10	6205	5.742
11	6285	5.634
12	6305	5.607
13	6165	5.799
14	6085	5.918
15	6005	6.045
16	6245	5.687
17	6365	5.540
18	5945	6.147
19	6065	5.949
20	6385	5.505
21	6325	5.581
22	6025	6.012
23	6050	5.972
24	6045	5.980
25	6153	5.816
26	6112	5.877
27	6323	5.584
28	5948	6.142
29	6032	6.001
30	6073	5.936
31	6430	5.448
32	6434	5.443
33	6185	5.770
34	6425	5.464

FEATURES

- * EXCELLENT COMBINING EFFICENCY
- * HIGH POWER HANDLING
- * LOW INSERTION LOSS & VSWR
- * MULTIPLE CHANNEL COMBINING USING TWO OR MORE IN SERIES.
- * HIGH ISOLATION BETWEEN CHANNELS



ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE

- PORT A-C _____ ANY 36 MHz BANDWIDTH
in the 5.850 to 6.425 GHz Range
- PORT B-C _____ 5850 MHz TO 6425 MHz EXCEPT Fo ±60 MHz.

INSERTION LOSS

- PORT A-C _____ 0.45 dB , Fo ±18 MHz.
- PORT B-C _____ 0.15 dB , Fo ±60 MHz or More

GROUP DELAY (Fo ±18 MHz)

- PORT A-C _____ 4 nS.
- PORT B-C _____ 2 nS.

VSWR _____ 1.15:1 ALL PORTS.

ISOLATION

- PORT A TO B _____ 40 dB MIN.
- PORT A TO C (Fo ±60 MHz) _____ 25 dB MIN.

POWER HANDLING

- PORT A TO C _____ 3 KW MAX.
- PORT B TO C _____ 10 KW MAX.

MECHANICAL SPECIFICATIONS

- MATERIAL - MATING FLANGES BRASS
- FINISH - HIGH TEMPERATURE FLAT BLACK
- FLANGES - WR 137 CPRG (GASKET GROOVED)
- PRESSURE - 10 PSIG MAX.
- TOLERANCES - 3 PLACES ± 0.10
2 PLACES ± 0.20

Microwave Components and Systems Inc
131 Flanders Road, Westborough MA 01581

TITLE

DIPLEXER
WR-137

SIZE	OUTLINE NO.	REV
D	4018-0000	A

FILE: DIP7 DATE: 12/08/99 SHEET: 1 OF 1