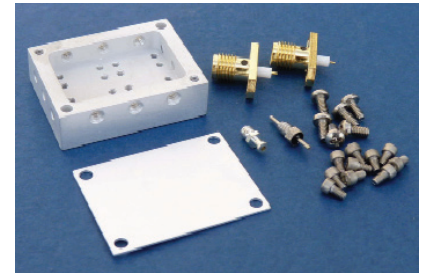
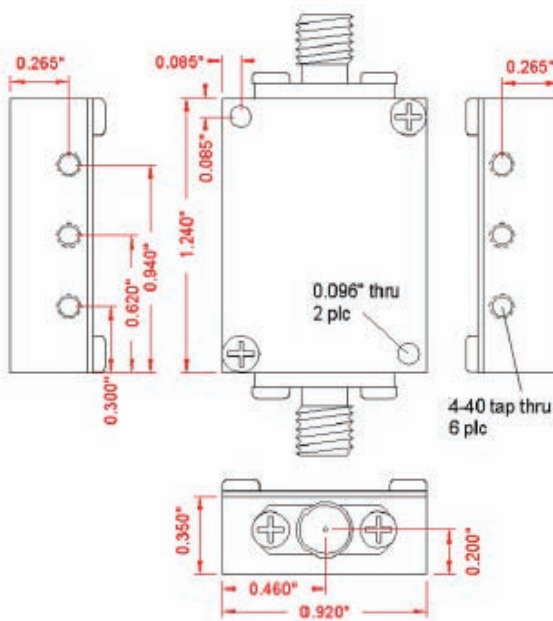


FEATURES

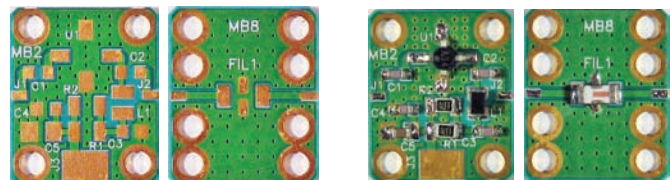
- Rapid prototyping of 2-port microwave circuits
- Compatible with all MB series circuit boards
- Cascade two boards into one housing
- SMA female connectors
- Ground terminal and bias feed-through
- Cover and mounting hardware provided



The MicroAmp MH-2 housing will accommodate two MB series circuit board to create a completely shielded 2-port circuits. Boards are available for microwave amplifiers, filters, log detectors, frequency multipliers, dividers, and operational amplifiers that can be cascaded together in a single housing to create more complex circuits. After assembling the desired MB circuit boards, simply drop them board into the housing cavity and screw the boards in place using #1-72 socket head cap screws with a 0.050" hex key. Join the two circuits together using a small bridge wire, foil ribbon, zero-ohm resistor, or capacitor. Then insert the SMA connectors into the side walls and secure them with #2-56 mounting screws and solder the center pins to the circuit board pads. The ground turret terminal and 1000 pf bias feed-through are then installed into the housing side wall and the bias connection is soldered in place from the circuit boards to the feed-through pin using a small gauge wire. Install the feed-through carefully with just enough torque (2 in-lbs max) to secure it in place. A cover attaches to the top of the housing with #2-56 screws to complete the shielded assembly. The finished housing can be mounted to a baseplate using the corner through holes.



OUTLINE DRAWING



1. Select Circuit Board

2. Assemble Board



3. Install into Housing



4. Add Connectors and Bias

MH-2 KIT CONTENTS

- 1 ea. Housing
- 1 ea. Cover
- 2 ea. SMA female connectors
- 1 ea. Feed-through bias pin
- 1 ea. Ground turret terminal
- 6 ea. #2-56 x 3/16" pan head screws
- 10 ea. #1-72 x 1/8" socket head cap screws

For additional product information, please visit www.twinind.com

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