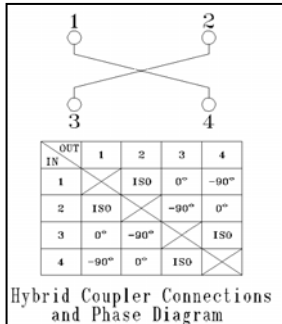


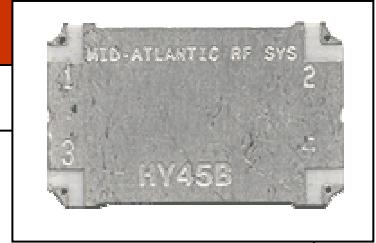
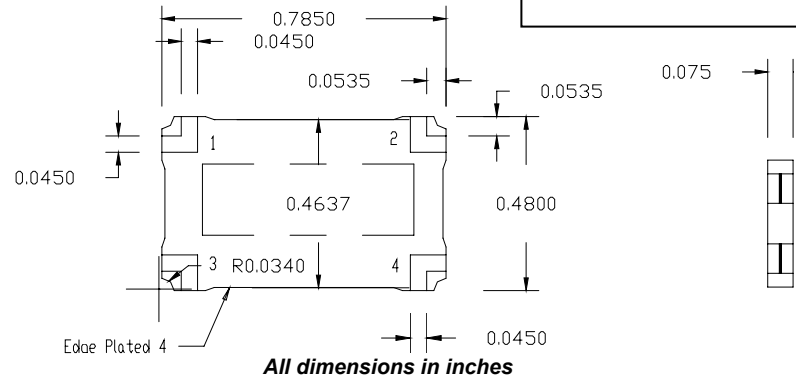
HY45 HYBRID COUPLER

Features:

- Small Size
- Custom Designs Available
- Surface Mounted
- Low Cost
- Available on Tape and Reel



Outline Drawing



Electrical Specifications:

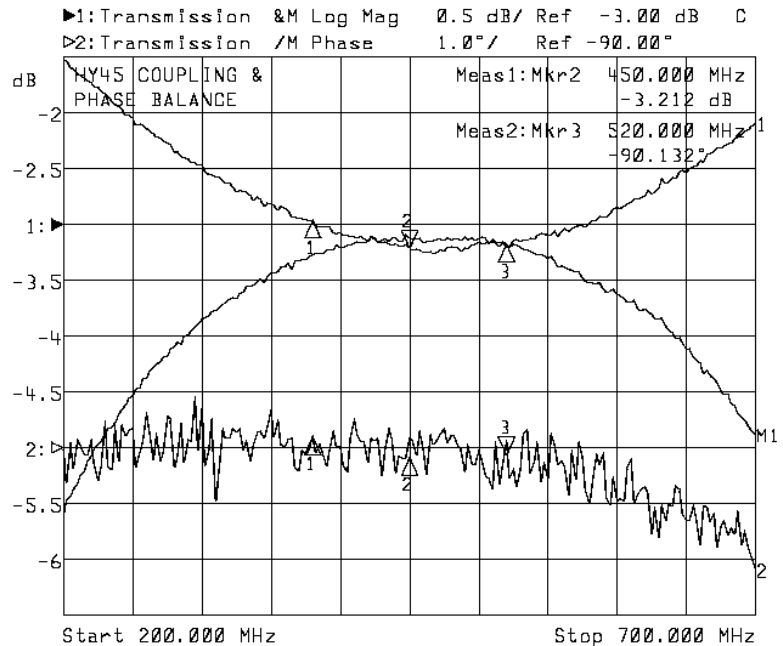
| | |
|---------------------------|----------------|
| Frequency Range: | 380 to 520 MHz |
| Insertion Loss: | 0.25 dB max. |
| Amplitude Balance: | +/- 0.25 dB |
| Phase Balance: | 1 degree |
| VSWR: | 1.2:1 |
| Power Handling: | 100 Watts CW |
| Isolation: | 22 dB |

Mechanical Specifications:

| | |
|--------------------|-----------------|
| Dimensions: | 0.480" x 0.780" |
| Case Style: | AL |
| Mounting: | Surface |

Environmental Specifications:

| | |
|-------------------------------|----------------|
| Operating Temperature: | -55°C to +90°C |
|-------------------------------|----------------|



| 1: Mkr (MHz) | dB | 2: Mkr (MHz) | Deg |
|--------------|--------|--------------|---------|
| 1: 380.00 | -2.958 | 1: 380.00 | -89.790 |
| 2: 450.00 | -3.212 | 2: 450.00 | -90.179 |
| 3: 520.00 | -3.181 | 3: 520.00 | -90.132 |