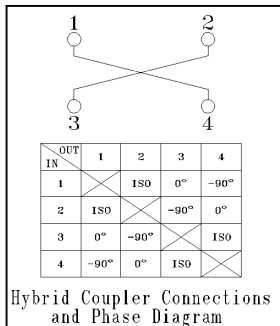


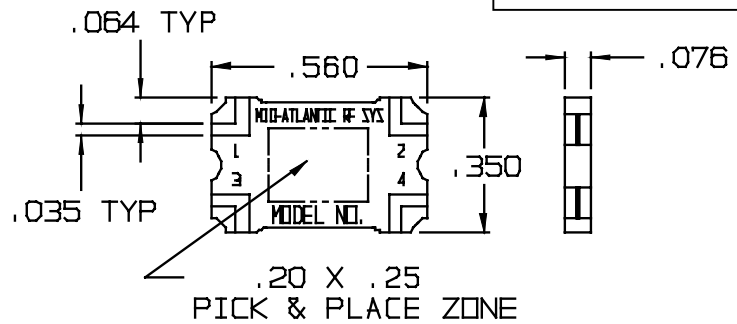
## HY89 HYBRID COUPLER

### Features:

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



### Outline Drawing



All dimensions in inches



### Electrical Specifications:

**Frequency Range:** 815 to 960 MHz

**Insertion Loss:** 0.13 dB max.

**Amplitude Balance:** +/- 0.3 dB

**Phase Balance:** 1 degree

**VSWR:** 1.2:1

**Power Handling:** 100 Watts CW

**Isolation:** 25 dB

### Mechanical Specifications:

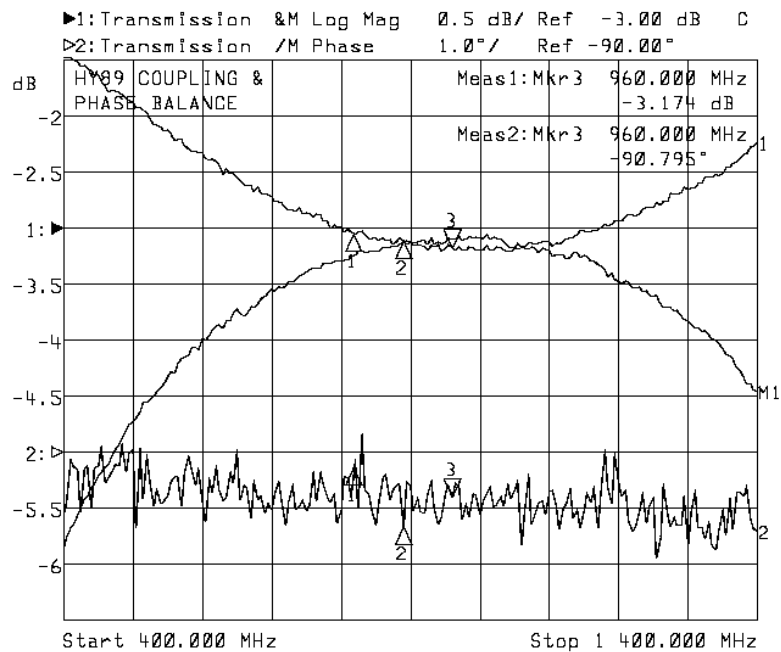
**Dimensions:** 0.350" x 0.560"

**Case Style:** A

**Mounting:** Surface

### Environmental Specifications:

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



1: Mkr (MHz)	dB	2: Mkr (MHz)	Deg
1: 819.00	-3.047	1: 819.00	-90.278
2: 890.00	-3.115	2: 890.00	-91.332
3> 960.00	-3.174	3> 960.00	-90.795