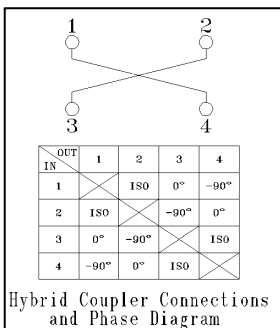


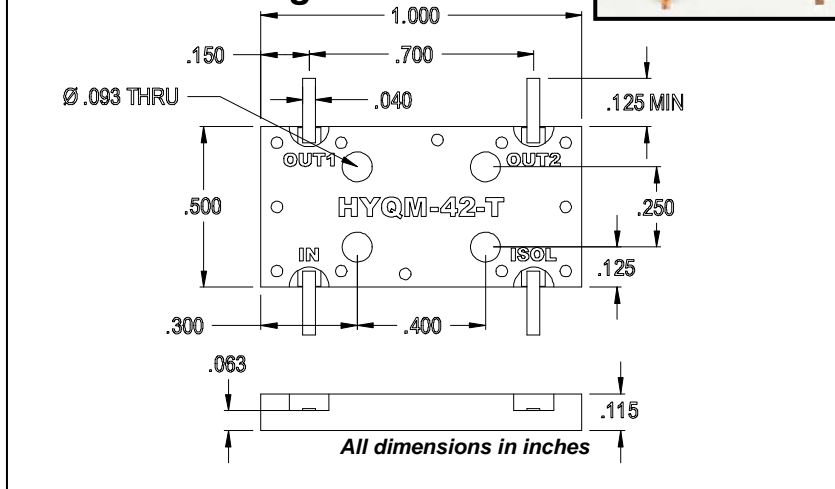
HYQM-42-T HYBRID COUPLER

Features:

- Small Size
- High Performance
- Tabbed Mounting
- Custom Footprint
- Bulk Packaging Only



Outline Drawing



Electrical Specifications:

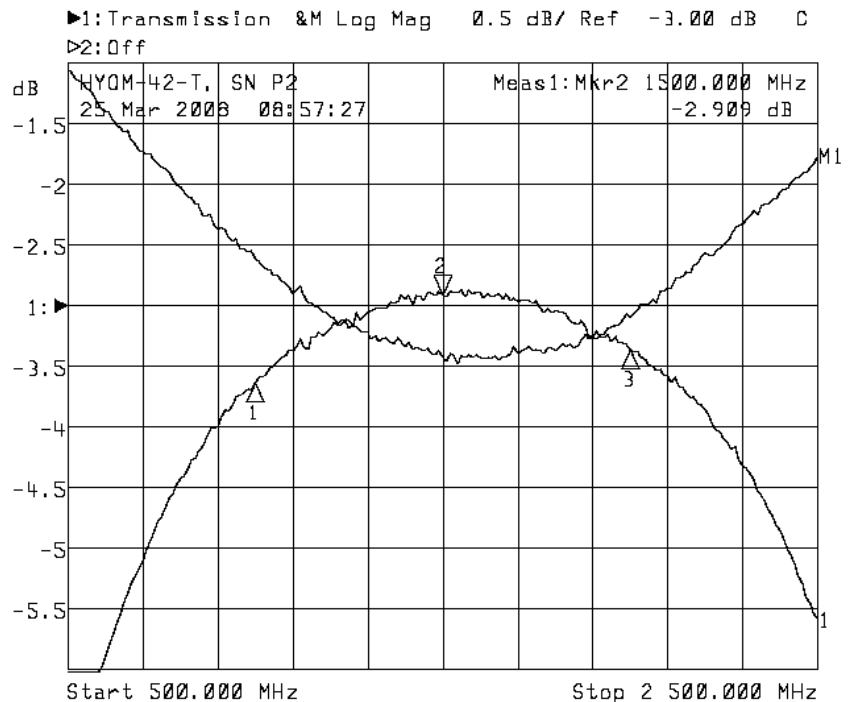
Frequency Range:	1.0 to 2.0 GHz
Nominal Coupling:	3.0 dB +0.25 dB, -0 dB
Max. Dev. From Nominal Coupling:	+/-0.5 dB
Insertion Loss:	0.25 dB max
Phase Balance:	+/- 2.5 degrees typ
VSWR:	1.20:1 max
Min Power Capability:	2kW peak, 30W avg
Isolation:	21 dB min

Mechanical Specifications:

Dimensions:	1.000" x 0.500" x 0.115"
Mounting:	Tabbed Mounting

Environmental Specifications:

Operating Temperature: -40°C to +125°C



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 1000.00	-3.634		
2: 1500.00	-2.909		
3: 2000.00	-3.361		