Plug-In Two Way Power Divider
5 - 500 MHz

DS-318

V2.00

Features

- Low Cost
- Convenient Plug-In Mounting

Guaranteed Specifications* (From -55°C to +85°C)

Frequency Range		5-500 MHz
Insertion Loss	10-200MHz	0.5 dB Max
(Less coupling)	5-500 MHz	1.0 dB Max
Isolation		18 dB Min
Amplitude Balance		0.2 dB Max
Phase Balance		2° Max
VSWR (All Ports)		1.5:1 Max

Operating Characteristics

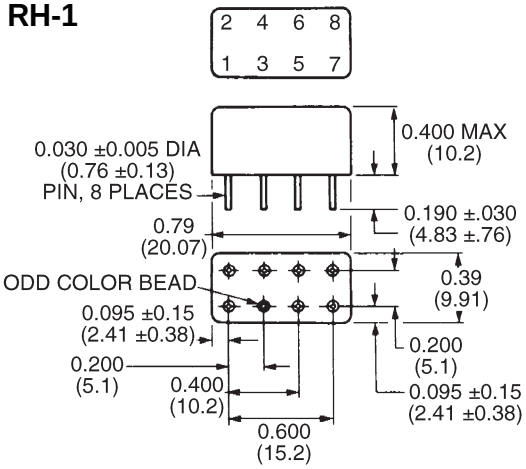
Impedance	50 Ohms Nominal
Maximum Power Rating or Input Power	1 Watt Max
Internal Load DIssipation	0.125 Watts Max
Environmental MIL-STD-202 screening available.	
Pin Configuration	Σ; P1, Outputs P5 & P6 All other pins ground.

* All specifications apply with 50 ohm source and load impedance.

Ordering Information

Model No.	Package
DS-318 PIN	Relay Header

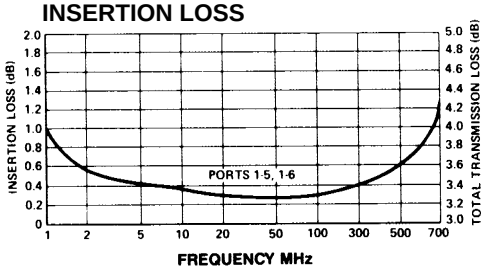
RH-1



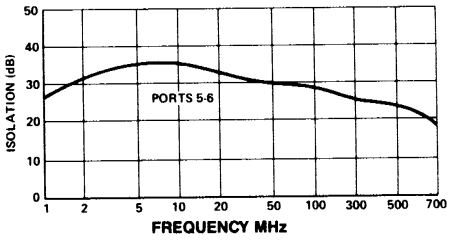
Dimensions in ( ) are in mm.
Unless Otherwise Noted: .xxx = ±0.010 (.xx = ±0.25)
WEIGHT (APPROX.): 0.23 OUNCES 6.5 GRAMS

Typical Performance

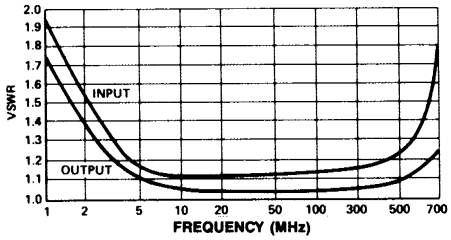
INSERTION LOSS



ISOLATION



VSWR



AMP and Connecting at a Higher Level are trademarks.
Specifications subject to change without notice.