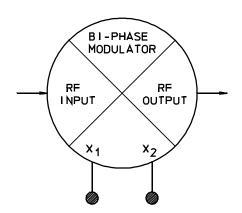
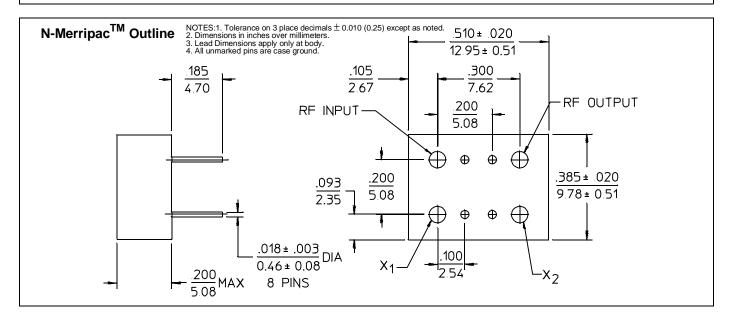


10 to 2000 MHz/ECL & TTL Compatible/Fast Switching/Hermetic Package





		PRINCIPAL SPECIFICATIONS						
Model Number	Frequency Range, MHz	Insertion Loss, dB, Max. Typ.		Amplitude Balance, dB, Max. Typ.		Phase Balance Max. Typ.		Carrier Suppression, Typ.
BPP-2N-500	10 – 500	3	2	0.3	0.20	± 3°	± 1°	- 40 dBc
	500 - 1000	4	3	0.5	0.20	± 4°	± 2°	– 35 dBc
BPP-2N-1500	1000 - 2000	6	5	0.75	0.25	± 5°	± 2°	- 30 dBc



General Notes:

- 1. The BPP-2N series of Biphase Modulators covers the frequency range of 10 to 2000 MHz with sub-nanosecond switching times in the higher frequency units.
- 2. Customized versions are available for special frequency bands matched to your special applications.
- 3. The BPP-2N series can be driven directly by either TTL or ECL drivers. Most units are available in a variety of alternative packages such as the TO-8, flatpack or connectorized packages. TTL or ECL drivers may be included in the larger packages.
- 4. All units comply with applicable sections of MIL-M-28837 and may be supplied screened for compliance with additional specifications for military and space applications requiring the highest reliability.

24May96

GENERAL SPECIFICATIONS

Impedance: 50Ω nom. RF Input Level: - 3 dBm max. VSWR: 2.0:1 max. Switching Speed: 2 nS typ. +15 mA Data Levels: Logic 1: Logic 0: - 15 mA Weight, nominal: 0.1 oz (2.8 g) - 55° to +85°C Operating Temperature: