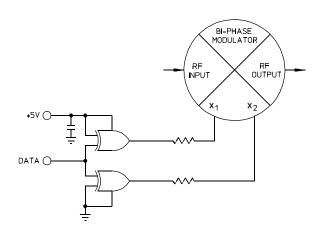
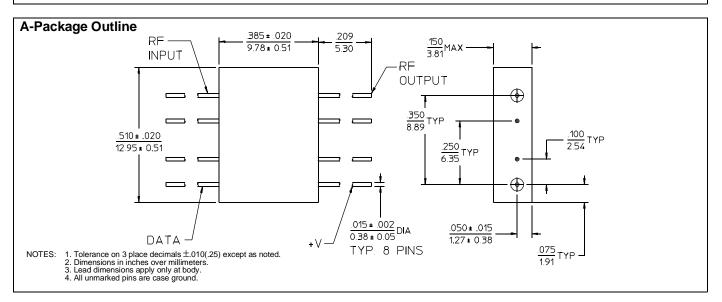
10 to 1000 MHz/Direct TTL Input / Fast Switching/Hermetic Package





Model Number	Frequency Range, MHz	PRINCIPAL SPECIFICATIONS						
		Insertion Loss, dB,		Amplitude Balance, dB,		Phase Balance		Carrier Suppression,
		Max.	Тур.	Max.	Typ.	Мах. Тур.	Тур.	
BTF-2A-500	10 – 500 500 – 1000	3 4	2 3	0.3 0.5	0.20 0.20	±3° ±4°	±1° ±2°	25 dBc25 dBc



General Notes:

- 1. The BTF-2A-500 Biphase Modulator covers the frequency range of 10 to 1000 MHz and includes interfacing circuitry so it may be driven directly from standard TTL using a +5V supply.
- 2. The BTF-2A-500 is available in a variety of alternative packages, logic circuit types (e.g., ECL) and frequency ranges. Customized versions are available for special frequency bands matched to your special applications.
- 3. Merrimac Biphase Modulators cover a variety of frequency bands while providing wide bandwidths suitable for most applications.
- 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.

GENERAL SPECIFICATIONS

50% Control to 90% RF

Data Signal Levels: TTL compatible

Supply Voltage: +5 VDC

@ 25 mA, nom.

Weight, nominal: 0.1 oz. (2.8 g) Operating Temp: -55° to +85°C

AVAILABLE OPTIONS

Custom Frequencies: From 1 to 4000 MHz Without TTL Driver: As BPF series

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