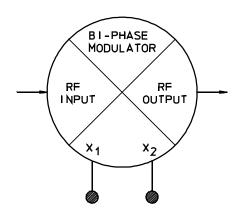


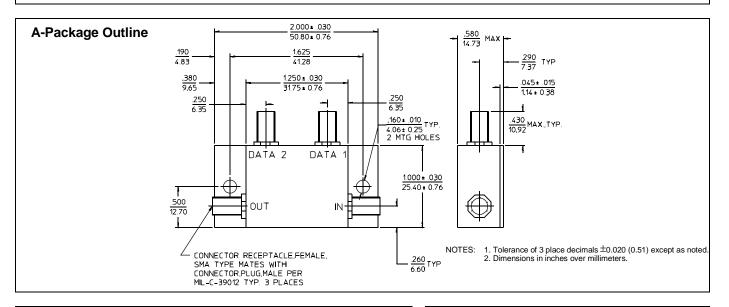


2 to 2000 MHz/ECL & TTL Compatible/Fast Switching/SMA Connectors





		PRIN	ICIPAL S	CIPAL SPECIFICATIONS				
Model Number	Frequency Range, MHz	Inser Loss Max.		Amplit Balance Max.		Phase Balance Max. Typ.		Carrier Suppression Typ.
BPM-2A-250	2 – 500	3.5	2.5	0.3	0.10	±4°	±2°	- 40 dBc
BPM-2A-500	10 – 500 500 – 1000	3 4	2	0.3 0.5	0.20 0.20	±3° ±4°	±1° ±2°	<ul><li>40 dBc</li><li>35 dBc</li></ul>
BPM-2A-1500	1000 – 2000	6	5	0.75	0.25	±5°	±2°	- 30 dBc



## **General Notes:**

- 1. The BPM-2A Series Biphase Modulators cover the frequency range of 2 to 2000 MHz and is ideal for general applications. Other models available in surface mount packages are electrically similar to the standard flatpack units but have extended frequency range up to 3.6 GHz with proportionately fast risetimes
- 2. Customized versions are available for special frequency bands matched to your special applications. Most units are available in a variety of alternative packages such as the TO-8, flatpack or connectorized packages. TTL or ECL drivers can be provided in the larger packages.
- 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 MIL-M-28837 and may be supplied screened for compliance with additional specifications for military and space applications requiring the highest reliability.

## **GENERAL SPECIFICATIONS**

29Apr96