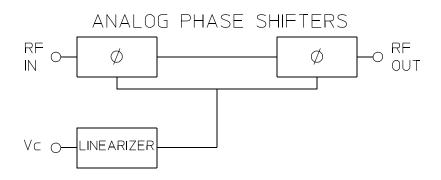
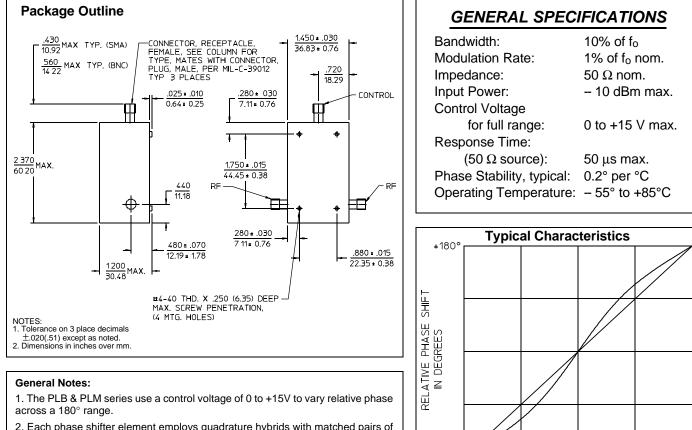
PLB & PLM Series LINEAR PHASE MODULATORS

10 to 500 MHz / 0' to 180' Coverage / 10% Bandwidth / Voltage Controlled / SMA or BNC

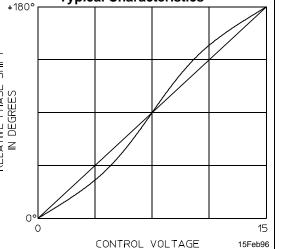


PRINCIPAL SPECIFICATIONS								
SMA Model Number	BNC Model Number	Center Freq, fo, Range, MHz	Phase Shift @ fo	Linearity @ fo	Percent AM	Insertion Loss, dB, Max.	Fø VSWR Max.	Weight oz (g)
PLM-3B-***B	PLB-3B-***B For	10 to 500 complete Model Numbe	180° er replace *** with	5% n desired center fr	5% requency, f₀ in I	2 MHz.	1.5:1	3.4 (95)



2. Each phase shifter element employs quadrature hybrids with matched pairs of varactor tuned LC networks acting as sliding short circuits on the outputs. The electrical length of this short circuit controls the delay in the reflected signal appearing at the isolated port of each quadrature hybrid.

3. These units are suitable for high reliability and space applications.



For further information contact M ERRIM AC /41 Faitfield Pl., West Callwell, NJ ,07006 / 973-575-1300 /FAX 973-575-0531