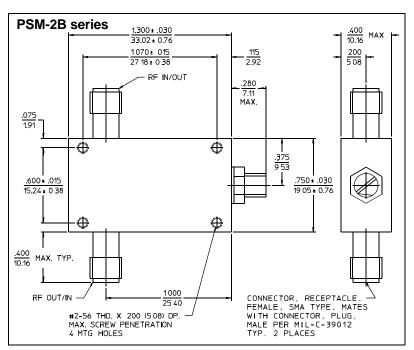
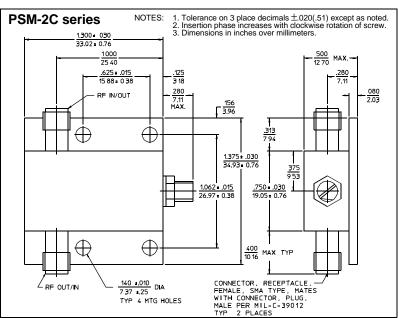
10 to 1000 MHz /0° to 90° / 10% Bandwidth / Multi-Turn Adjustment, High Resolution Units







PRINCIPAL SPECIFICATIONS

Tapped Version	Flange Version	Center Frequency, f _{o,} MHz
PSM-2B-***B	PSM-2C-***B	10 to 500
PSM-2B-***B For complete Mode	PSM-2C-***B el Number replace ***	500 to 1000 with desired Cen-
ter Frequency, fo in MHz.		

GENERAL SPECIFICATIONS

Turns for maximum phase shift:

CW Power:

Connectors:

Weight, nominal:

Operating Temp:

0.5 Watts max.

SMA Female

2 oz (58 g)

- 55° to +85°C

General Notes:

- 1. The PSM-2B and PSM-2C series provide continuously variable phase adjustment using a precision multi-turn screw from 0° to 90°. The packages are compact and sturdy.
- 2. These phase shifters employ lumped element quadrature hybrids with capacitor tuned LC networks acting as sliding short circuits on the outputs. The electrical length of the short effectively delays the reflected signal which appears at the isolated port of the quadrature hybrid.
- 3. Similar phase shifters are available in a variety of connectorized packages, as well as electronically tuned models in flatpacks, surface mount packages and Meri-Pacs.

15Feb96