



**PLANAR
MONOLITHICS
INDUSTRIES, INC**

**2 TO 4 GHz,
HIGH SPEED, 0
TO 180 DEGREE
MINIATURE
PHASE SHIFTER**

FEATURES:

- **2 TO 4 GHz FREQUENCY RANGE**
- **OTHER FREQUENCY RANGES AVAILABLE**
- **15 nS DELAY ON/OFF**
- **TTL CONTROL LOGIC**
- **ECL CONTROL LOGIC AVAILABLE**

PMI MODEL PS-90-2040 OPTION HS15NS IS A MINIATURE, 0 TO 180 DEGREE BI-PHASE MODULATOR / PHASE SHIFTER WITH TTL CONTROL LOGIC OPERATING OVER 2 TO 4 GHz.



SPECIFICATIONS:

- **FREQUENCY RANGE**_____ **2 TO 4 GHz**
- **INSERTION LOSS**_____ **2.5 dB TYPICAL, 3.0 dB MAXIMUM**
- **VSWR INPUT**_____ **2.0:1**
- **OPERATING INPUT POWER**_____ **+20 dBm OPERATING**
- **MAXIMUM RF INPUT**_____ **0.5 WATT CW, 1 μ S PULSE WIDTH**
- **CARRIER SUPPRESSION**_____ **20 dB TYPICAL**
- **POWER SUPPLY (+)**_____ **+5V @ 75 mA MAXIMUM**
- **POWER SUPPLY (-)**_____ **-5V @ 20 mA MAXIMUM**

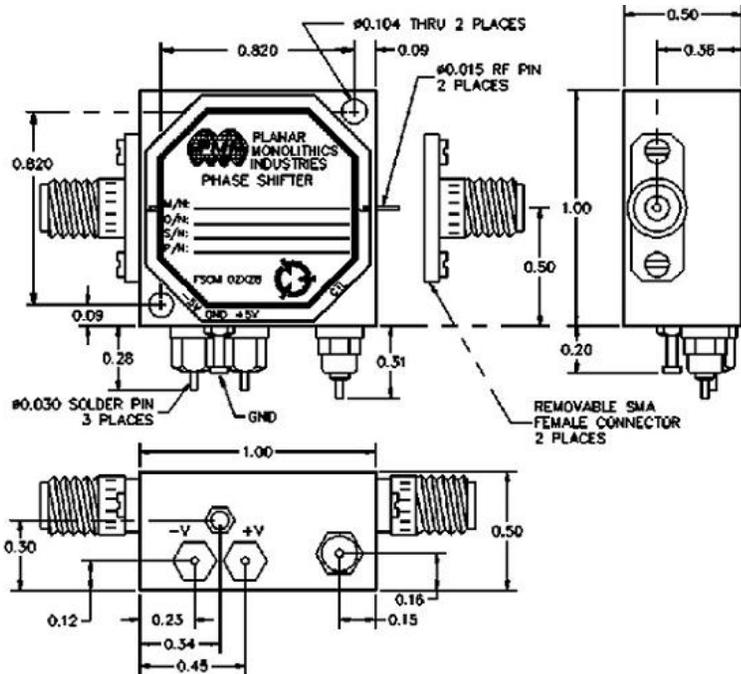
PLANAR MONOLITHICS INDUSTRIES, 7311-G GROVE ROAD, FREDERICK, MD 21704
TEL: 301-631-1579, FAX: 301-662-2029, EMAIL: sales@planarmonolithics.com
WEBSITE: <http://www.planarmonolithics.com>

ISO 9001 : 2000 CERTIFIED

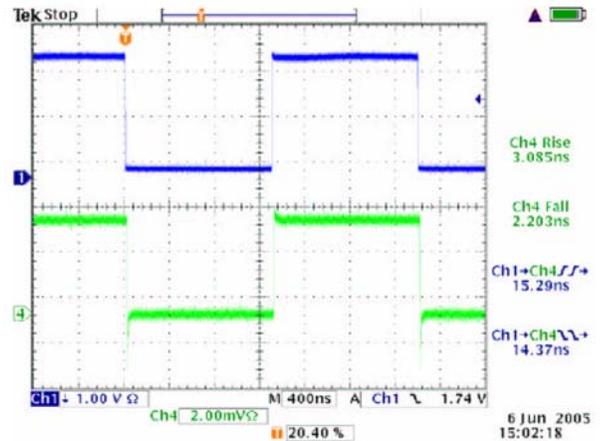


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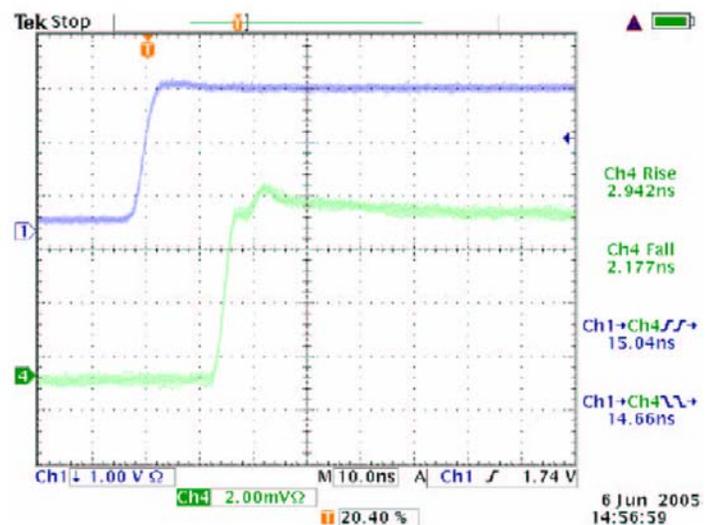
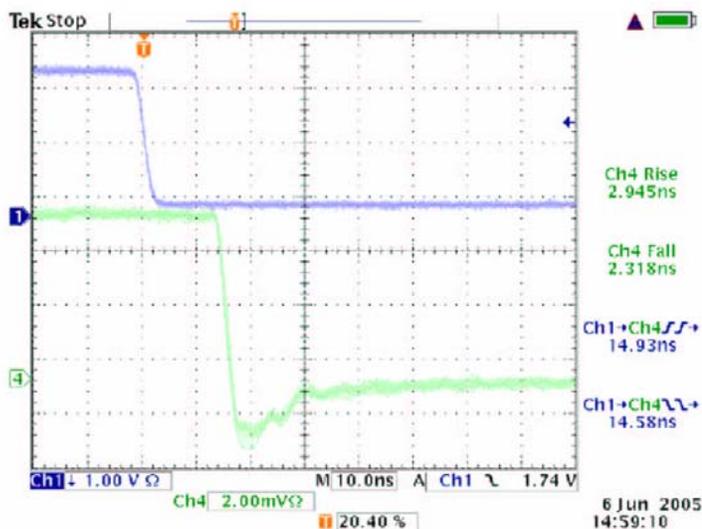


SWITCHING SPEED



SWITCHING SPEED DELAY OFF

SWITCHING SPEED DELAY ON



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