

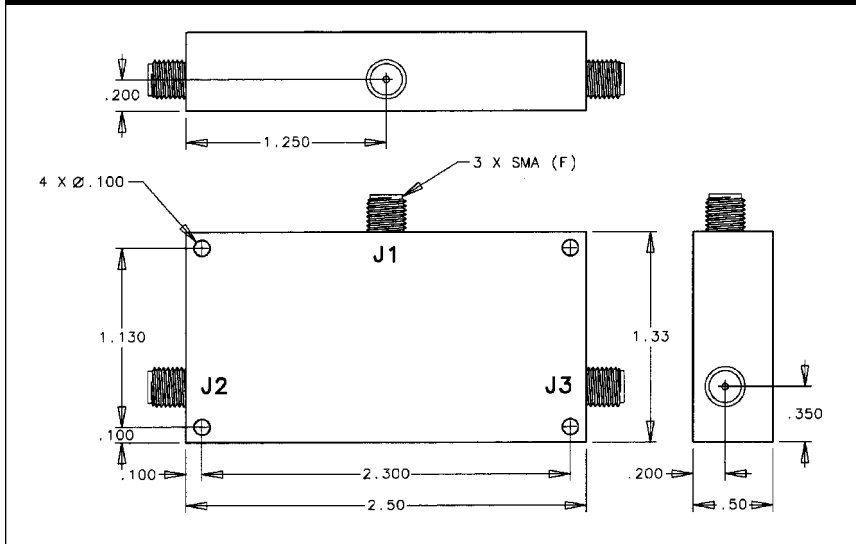
# CONNECTORIZED PHASE SHIFTERS



## ELECTRICAL CHARACTERISTICS

PART #	TYPE	FREQ RANGE GHz	LOSS dB	PHASE SHIFT	VSWR	SWITCH SPEED ns	RF POWER dBm	DC SUPPLY Volts
4034	Variable	2-4	5.0	180°	2.0:1	1	10	1-10
4035	Variable	4-8	5.5	180°	2.0:1	1	10	1-10
4036	Variable	8-12	6.0	180°	2.0:1	1	10	1-10
4037	Variable	12-18	6.5	180°	2.0:1	1	10	1-10

## PACKAGE OUTLINE



## DESCRIPTION

These analog phase shifters are optimized for low phase noise and ideally suited for use in high performance radar systems. Hermetic, military/industrial design.

## ADDITIONAL FEATURES (#4034)

■ Phase noise:  
<160 dBc @100 kHz offset

## CONNECTORS

■ SMA

## OPERATING ENVIRONMENT

■ Operating Temperature:  
-55 to +125°C

■ Storage Temperature:  
-65 to +150°C

■ Impedance:  
50 ohm

■ Control:  
Analog

## APPLICATIONS

■ Radar simulator  
■ Bi-phase modulator  
■ Communications path simulation