

FEATURES

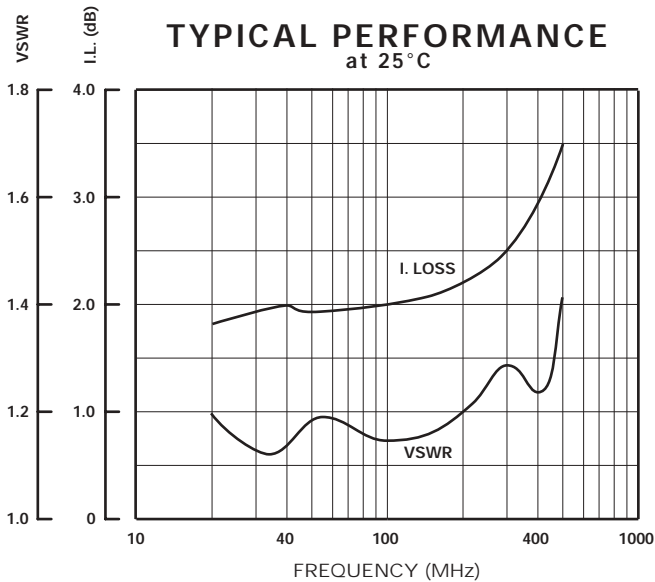
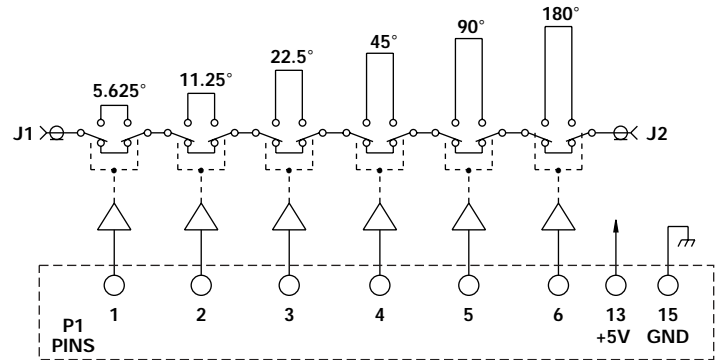
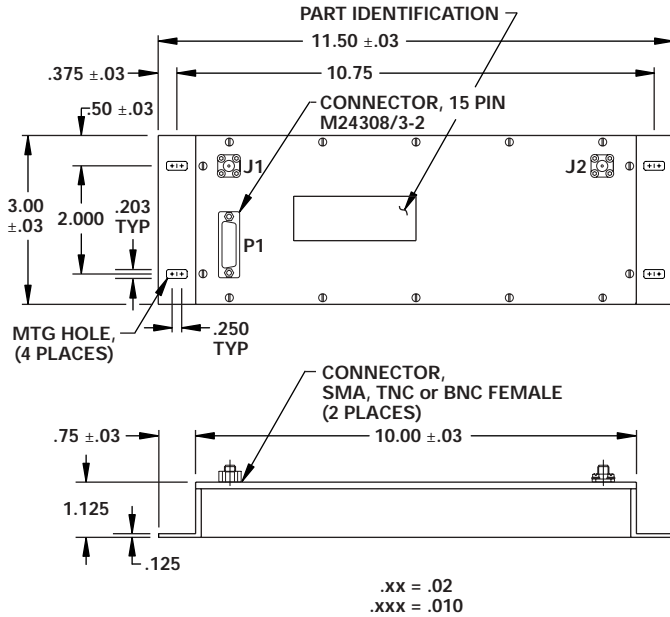
- 30 - 300 MHz
- 5.625° LSB, 354.375° Range
- TTL Driver
- SMA, BNC, or TNC Connectors



MODEL NO.
100D0896

Phase Shifter 6 Section

6 BIT



GUARANTEED PERFORMANCE

Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	30		300	MHz	Specify Center Frequency Fo
DC Current		115	170	mA	At +5 VDC Supply
Control Type		TTL			6 Line Logic "0" = Phase Shift Logic "1" = Reference Phase
Control Current	High		1	µA	VIH = +2.7 V
	Low		-1	µA	VIL = +0.5 V
Insertion Loss		2.6	4.0	dB	Vs. Phase Shift
		±0.1	±0.25	dB	
Phase Shift	LSB	5.625		DEG	5.625, 11.25, 22.5, 45, 90, 180
	Range		354.375	DEG	
	Accuracy	0	±2.0	DEG	
VSWR		1.3/1	1.5/1		
Impedance		50		OHMS	
Switching Speed			4	µSec	50% TTL to 90% / 10% RF
RF Power	Operate		+10	dBm	0.1 dB Compression
	No Damage		+20	dBm	
Operating Temperature	-40	+25	+71	°C	TA

Bandwidth: ±10%, Phase Specified at Fo Only

PART NUMBER EXAMPLE

100D0896 - 60 MHz - SMA

Specify Connector Type
SMA, TNC, BNC

Specify Center Frequency

Basic Part Number