

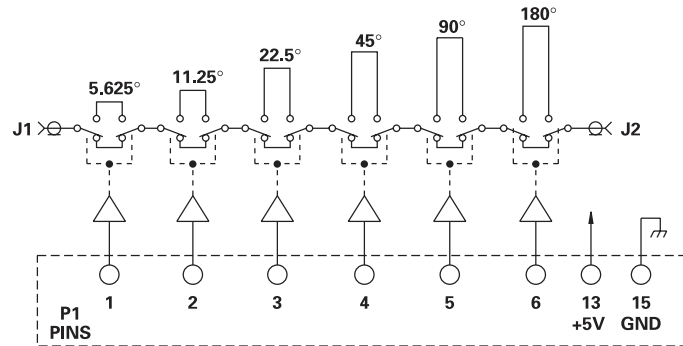
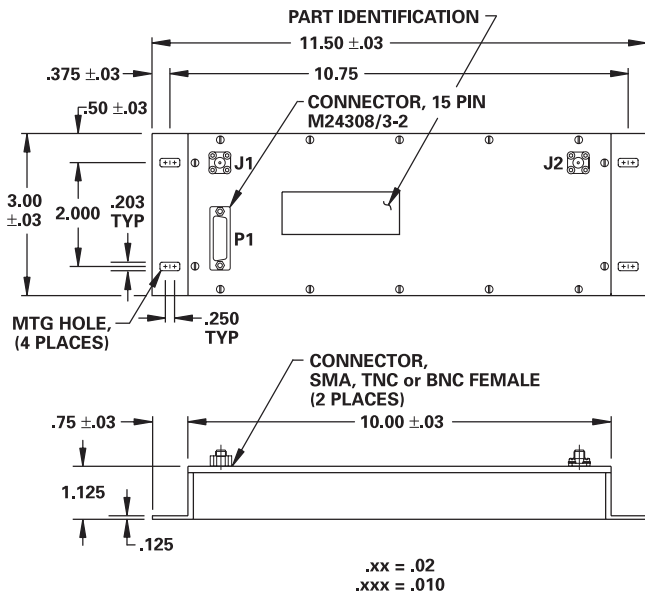
# MODEL NUMBER 100D0896

## Phase Shifter 6 Section

### FEATURES

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

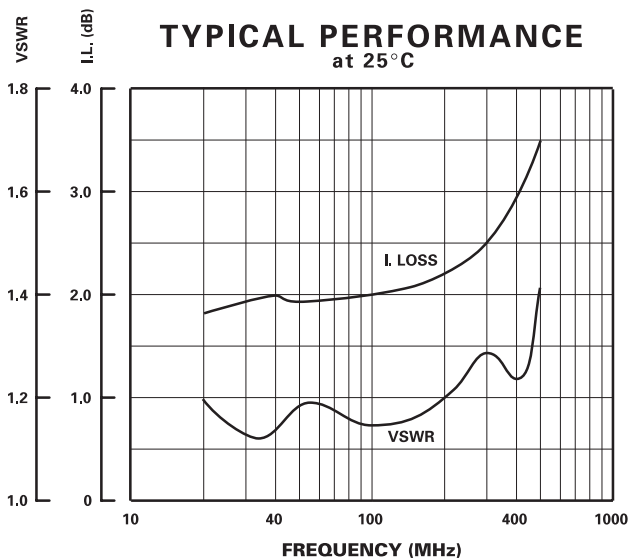
6 BIT



### 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 Low		1 -1	μA	VIH = +2.7 V VIL = +0.5 V
Insertion Loss		2.6 ±0.1	4.0 ±0.25	dB	Vs. Phase Shift
Phase Shift	LSB Range Accuracy	0	5.625 354.375 ±2.0	DEG DEG DEG	5.625, 11.25, 22.5, 45, 90, 180
VSWR		1.3/1	1.5/1		
Impedance		50		OHMS	
Switching Speed			4	μSec	50% TTL to 90% / 10% RF
RF Power	Operate No Damage		+10 +20	dBm dBm	0.1 dB Compression
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



**DAICO** Industries