

FEATURES

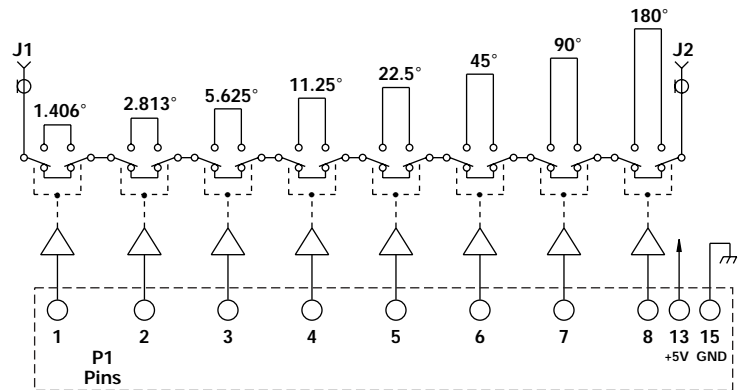
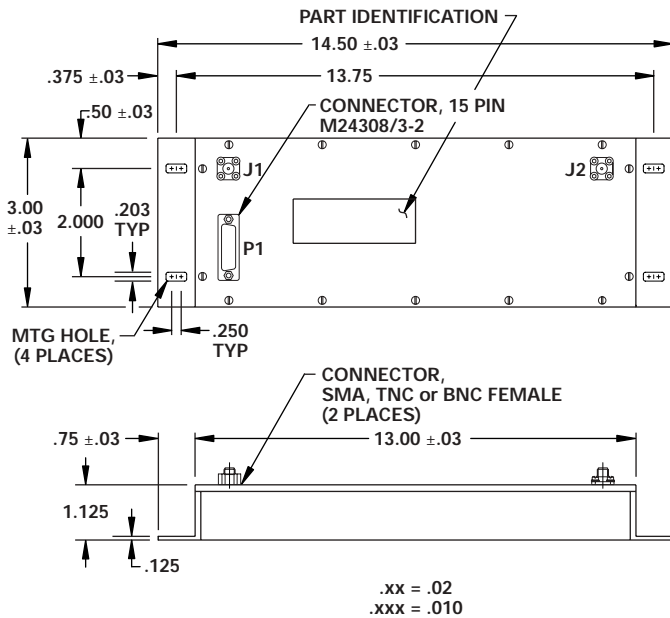
- 30 - 300 MHz
- 1.4° LSB, 358.6° Range
- TTL Driver
- SMA, BNC, or TNC Connectors



MODEL NO.
100D0898

Phase Shifter 8 Section

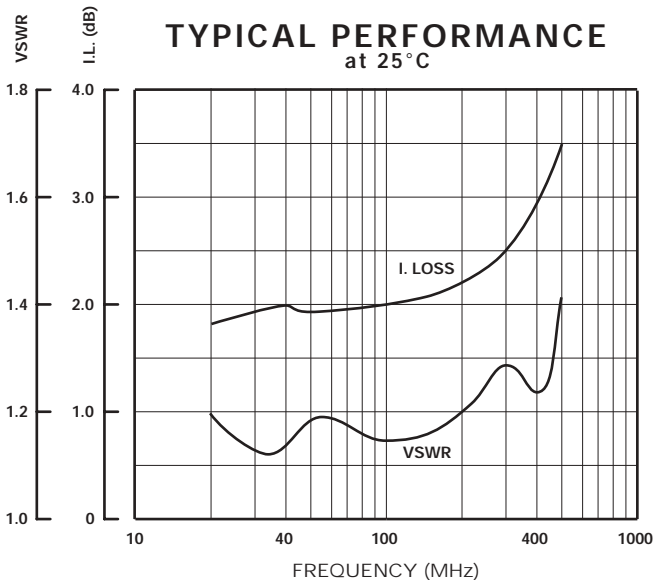
8 BIT



GUARANTEED PERFORMANCE

Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	30		300	MHz	Specify Center Frequency Fo
DC Current		375	500	mA	At +5 VDC Supply
Control Type		TTL			8 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		3 ±0.2	5 ±0.35	dB	Vs. Phase Shift
Phase Shift	LSB Range Accuracy	0	1.406 358.6 ±2.0	DEG DEG DEG	1.406, 2.813, 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

100D0898 - 60 MHz - SMA

Specify Connector Type
SMA, TNC, BNC

Specify Center Frequency

Basic Part Number