

FEATURES

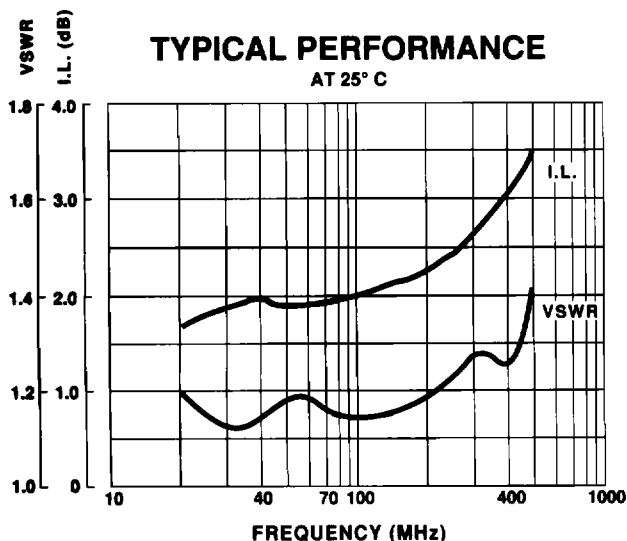
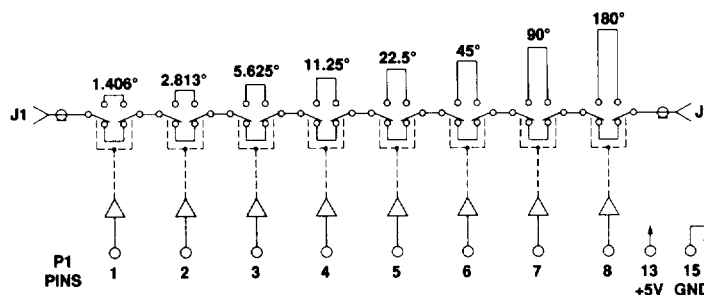
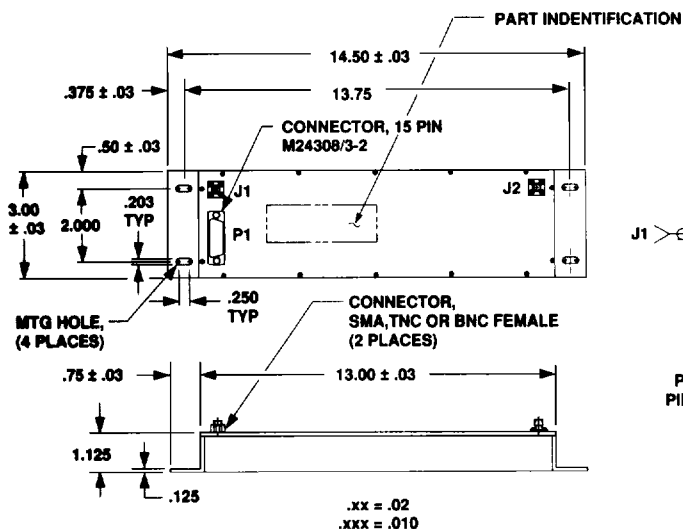
- 30 - 300 MHz
- User Selectable Center Frequency
- 1.41° LSB, 358.59° Range
- TTL Driver
- SMA, BNC, or TNC Connectors



**MODEL NO.
100D0898**

8 Section Phase Shifter

8 BIT



GUARANTEED PERFORMANCE

PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS
OPERATING FREQUENCY	30		300	MHz	
DC CURRENT		375	500	mA	AT +5 VDC SUPPLY
CONTROL TYPE		TTL			8 LINE LOGIC "0" = PHASE SHIFT
CONTROL CURRENT:	HIGH LOW		1 -1	μ A μ A	V _{IN} = +2.7V V _{IL} = +0.5V
INSERTION LOSS		3	5	dB	VS. PHASE SHIFT
PHASE SHIFT:	STABILITY	± 0.2	± 0.35	dB	
	LSB RANGE	1.406	358.6	DEG	
	ACCURACY	0	± 2	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	μ SEC	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 F_c ONLY

PART NUMBER EXAMPLE

100D0898 - 60 MHz - SMA

- Specify Connector Type
SMA, TNC, BNC
- Specify Center Frequency
- Basic Part No.