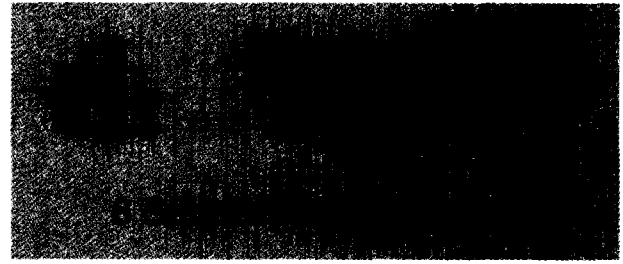
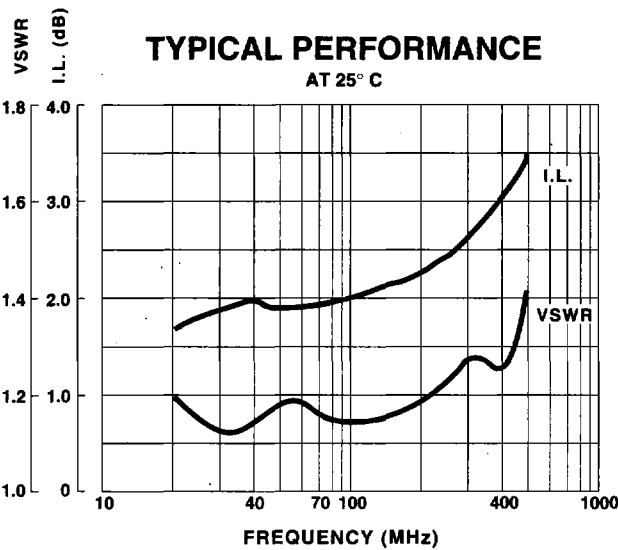
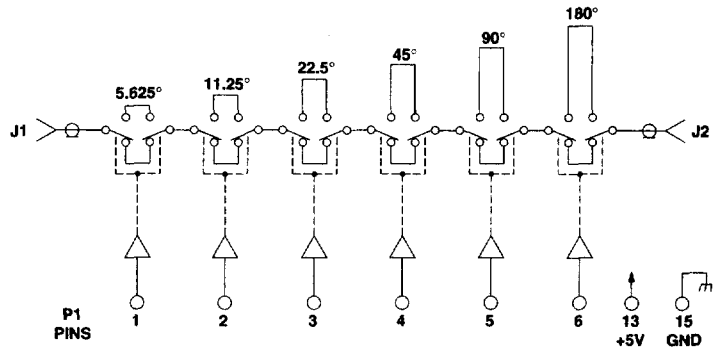
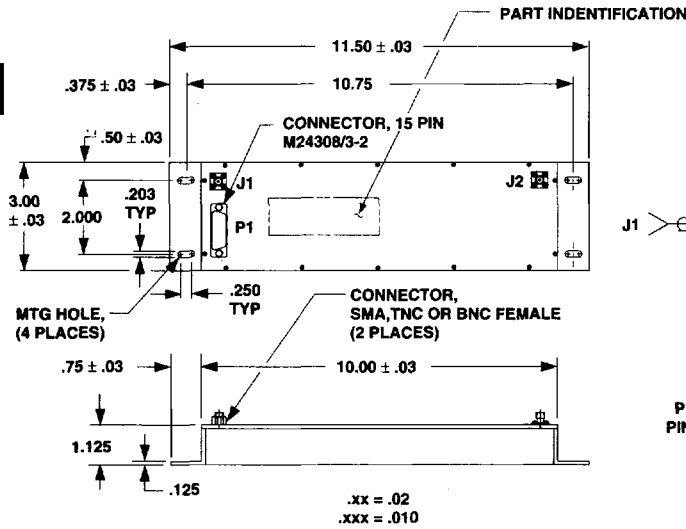


FEATURES

- 30 - 300 MHz
- User Selectable Center Frequency
- 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	
DC CURRENT		115	170	mA	AT +5 VDC SUPPLY
CONTROL TYPE		TTL			6 LINE LOGIC "0" = PHASE SHIFT
CONTROL CURRENT:	HIGH		1	μ A	V _{IH} = +2.7V
	LOW		-1	μ A	V _{IL} = +0.5V
INSERTION LOSS		2.6	4	dB	
	STABILITY	+0.1	±0.25	dB	V _S PHASE SHIFT
PHASE SHIFT:	LSB	5.625		DEG	
	RANGE	0	354.375	DEG	5.625, 11.25, 22.5, 45, 90, 180
	ACCURACY		±2	DEG	
VSWR		1.3/1	1.5/1		
IMPEDANCE		50		OHMS	
SWITCHING SPEED			4	μ SEC	50% TTL TO 90% / 10% RF
RF POWER:	OPERATE		+10	dBm	
	NO DAMAGE		+20	dBm	0.1 dB COMPRESSION
OPERATING TEMPERATURE	-40	+25	+71	°C	T _A

BANDWIDTH 10%, PHASE SPECIFIED AT F₀ ONLY

PART NUMBER EXAMPLE

100D0896 - 60 MHz - SMA

