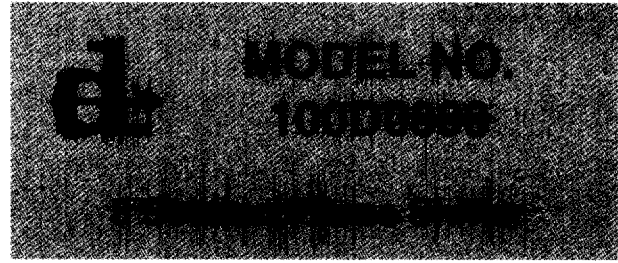
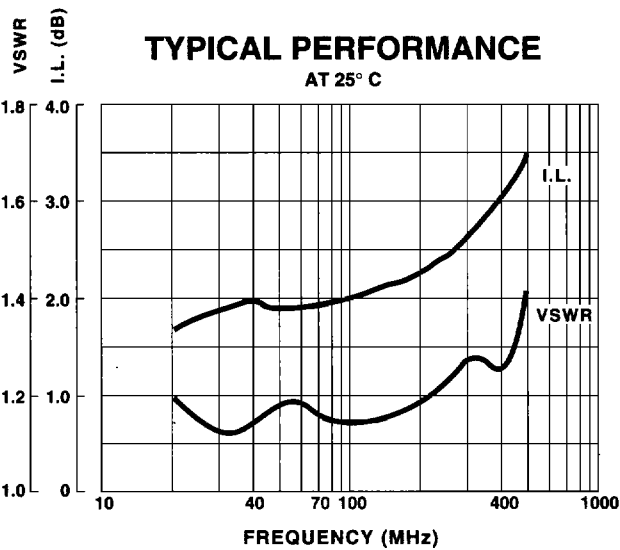
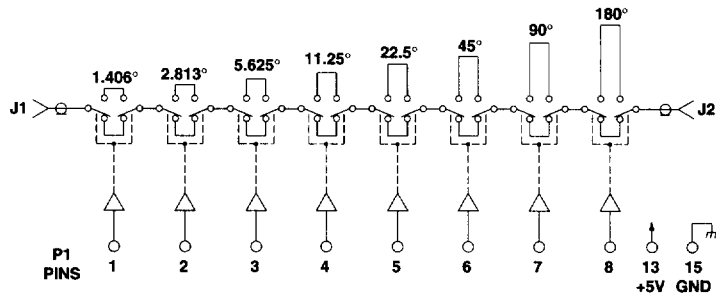
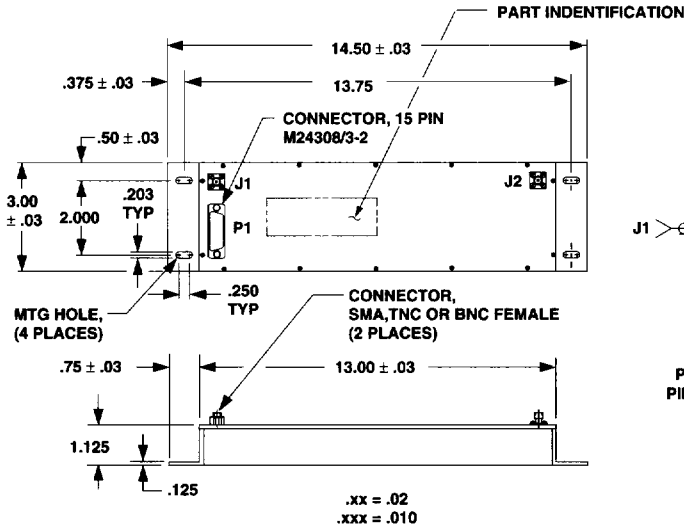


## FEATURES

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



**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		1	μA	V <sub>IH</sub> = +2.7V
	LOW		-1	μA	V <sub>IL</sub> = +0.5V
INSERTION LOSS		3	5	dB	VS. PHASE SHIFT
	STABILITY	+0.2	±0.35	dB	
PHASE SHIFT:	LSB	0	1.406	DEG	1.406, 2.813, 5.625, 11.25, 22.5, 45, 90, 180
	RANGE		358.6	DEG	
	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 NO DAMAGE		+10 +20	dBm dBm	0.1 dB COMPRESSION
OPERATING TEMPERATURE	-40	+25	+71	°C	T <sub>A</sub>

BANDWIDTH 10%, PHASE SPECIFIED AT F<sub>c</sub>, ONLY

#### PART NUMBER EXAMPLE

100D0898 - 60 MHz - SMA

