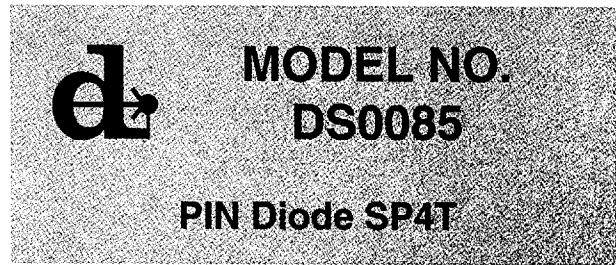
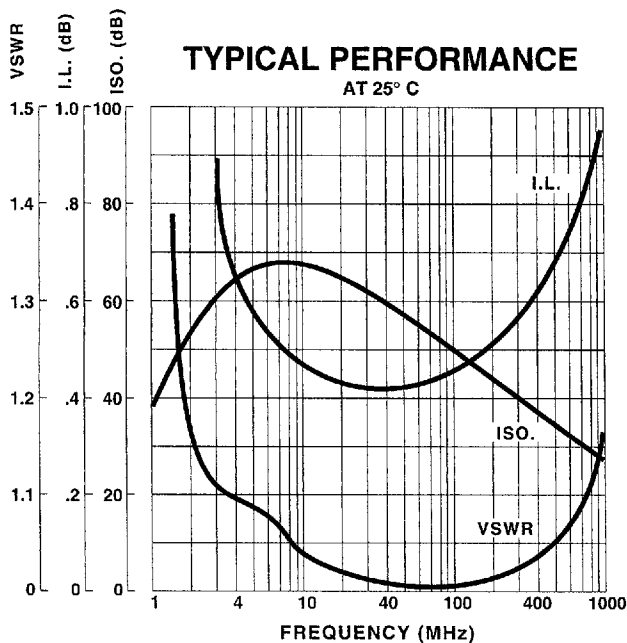
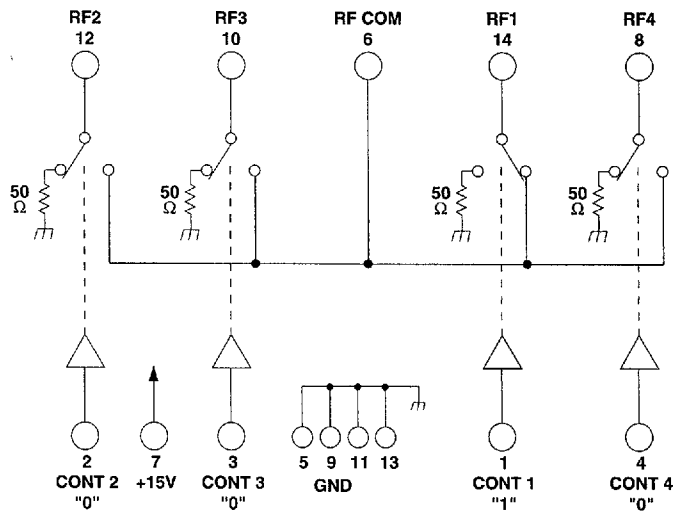
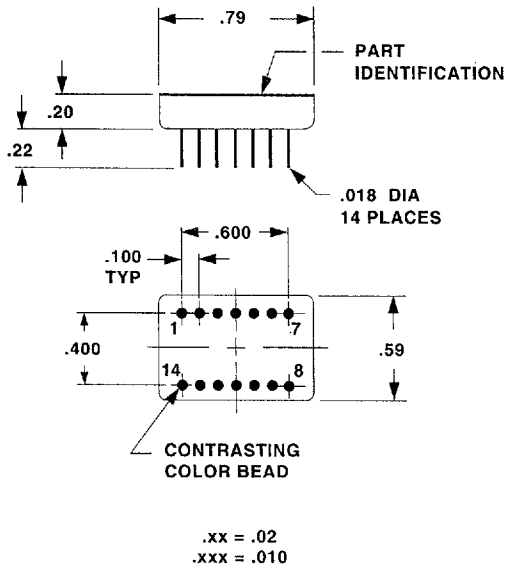


FEATURES

- 10 - 500 MHz
- 6 mA, +15 VDC
- CMOS Driver
- Non-Reflective
- Small 14 Pin DIP
- Low Cost



SP4T



GUARANTEED PERFORMANCE

PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS
OPERATING FREQUENCY	10		500	MHz	
DC CURRENT		6		mA	AT +15 VDC SUPPLY
CONTROL TYPE		CMOS			4 LINE LOGIC "1" = ON LOGIC "0" = OFF
CONTROL CURRENT:	HIGH		±2	μA	V _{IH} = +15V
	LOW		±2	μA	V _{IL} = GROUND
INSERTION LOSS			0.8	dB	10 - 500 MHz
ISOLATION	50			dB	10 - 30 MHz
	40			dB	30 - 100 MHz
	25			dB	100 - 500 MHz
	60			dB	@ 10.7 MHz
VSWR			1.2/1		10 - 500 MHz
			1.1/1		@ 10.7 MHz
IMPEDANCE		50		OHMS	
SWITCHING SPEED		35		μ SEC	50% CMOS TO 90% / 10% RF
INTERCEPT POINTS	2ND	+67		dBm	
	3RD	+40		dBm	
RF POWER: OPERATE			+10	dBm	
OPERATING TEMPERATURE	-55	+25	+125	°C	TA