

FEATURES

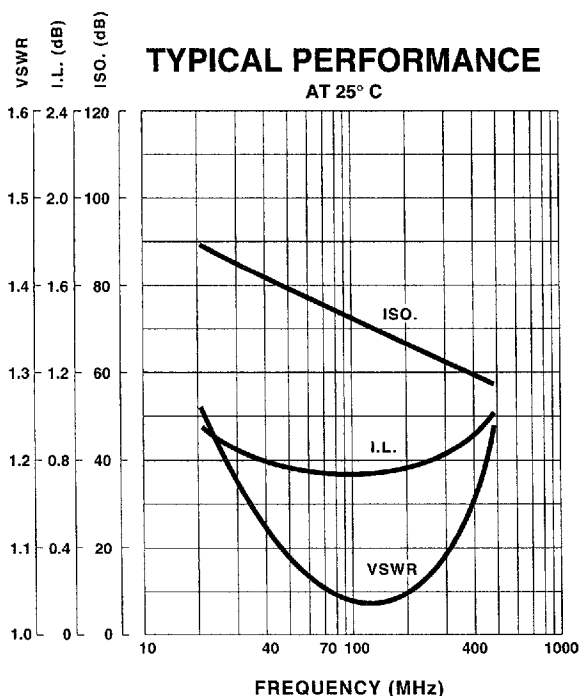
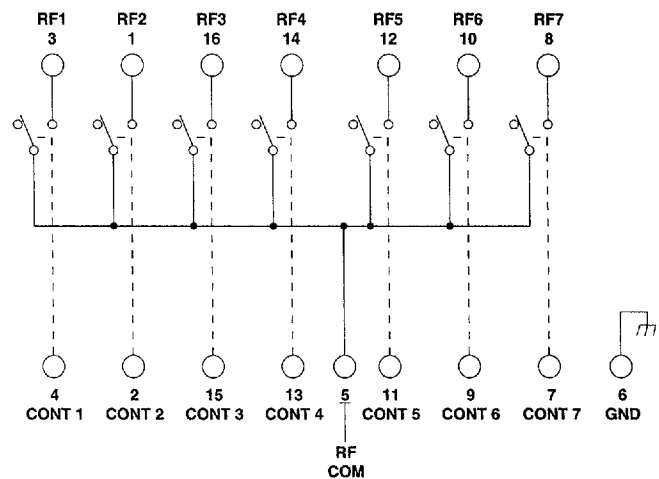
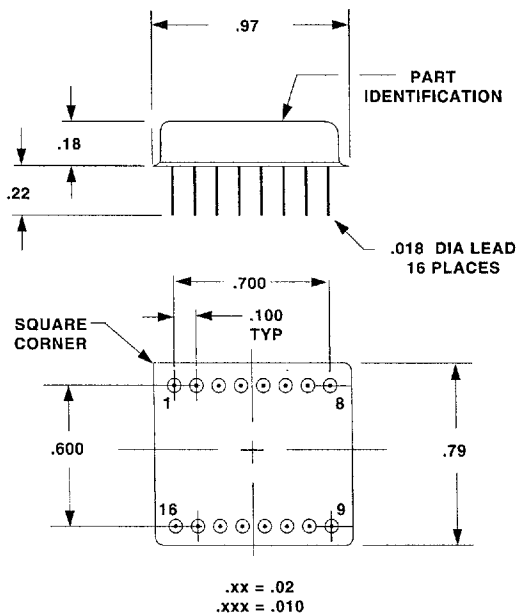
- 20 - 400 MHz
- Small 16 Pin DIP
- Low Cost
- Low Current Consumption



**MODEL NO.
DS0137**

PIN Diode SP7T

SP7T



GUARANTEED PERFORMANCE

PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS
OPERATING FREQUENCY	20		400	MHz	
CONTROL TYPE		CMOS			7 LINES - 1 TO EACH SWITCH COMPATIBLE W/MC88BC29 DRIVER LOGIC: +12 V = THRU LOGIC: +0 V = ISOLATION
CONTROL CURRENT:	HIGH LOW	4 0	10 0	mA	VIH = +12 V VIL = +0 V
INSERTION LOSS		0.9	1.5	dB	
ISOLATION	40	60		dB	
VSWR:	THRU	1.15/1	1.5/1		
IMPEDANCE		50		OHMS	
SWITCHING SPEED			100	μ SEC	50% CONTROL TO 90% / 10% RF
RF POWER:	OPERATE NO DAMAGE		+10 +20	dBm	0.1 dB COMPRESSION
OPERATING TEMPERATURE	-55	+25	+125	°C	TA