

FEATURES

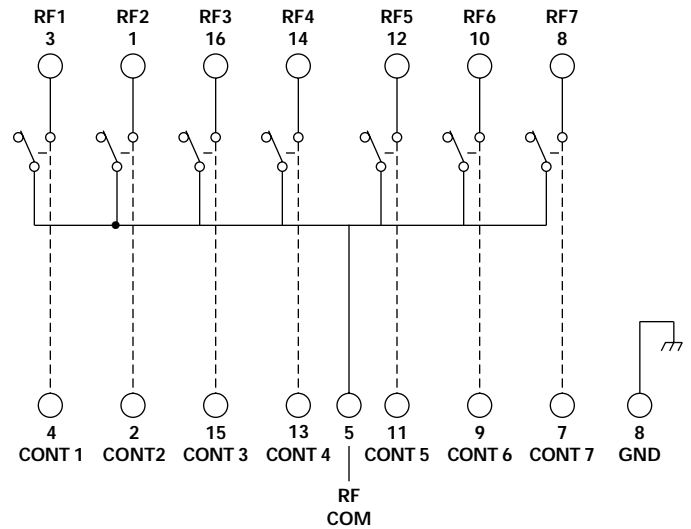
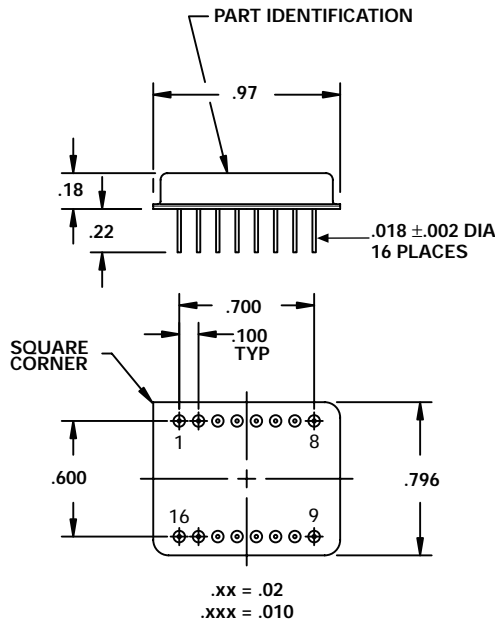
- 20 - 400 MHz
- Small 16 Pin DIP
- Low Cost
- Low Current Consumption



MODEL NO.
DS0137

PIN Diode SP7T

SP7T



GUARANTEED PERFORMANCE

Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	20		400	MHz	
Control Type		CMOS			7 Line - 1 to each switch Compatible W/MC88C29 Driver Logic: +12 V = Thru Logic: +0 V = Isolation
Control Current				mA	<i>High</i> 4 <i>Low</i> 0
Insertion Loss		0.9	1.5	dB	
Isolation	40	60		dB	
VSWR		1.15/1	1.5/1		<i>Thru</i>
Impedance		50		OHMS	
Switching Speed			100	μSEC	50% Control to 90% / 10% RF
RF Power				dBm	<i>Operate</i> +10 <i>No Damage</i> +20
Operating Temperature	-55	+25	+125	°C	TA

