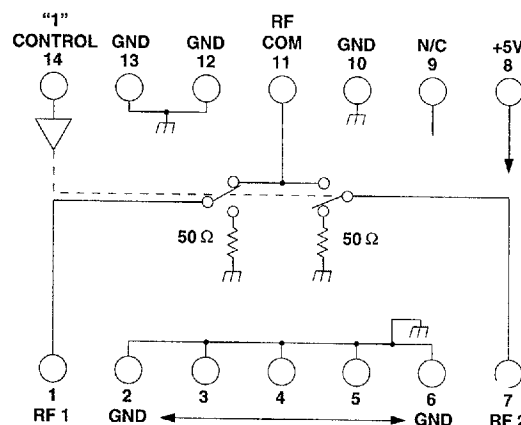
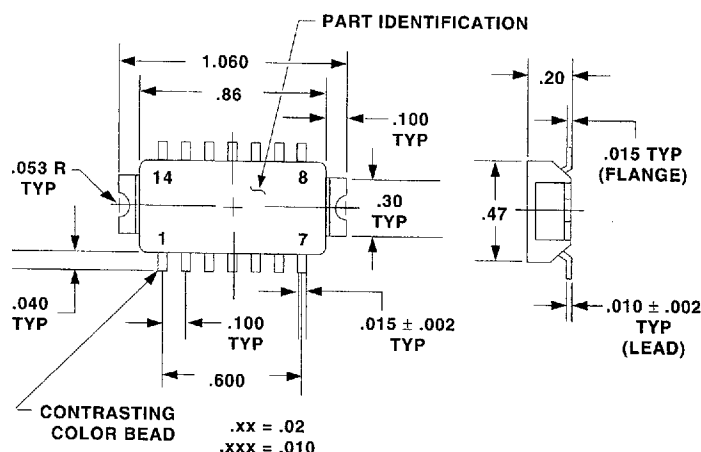
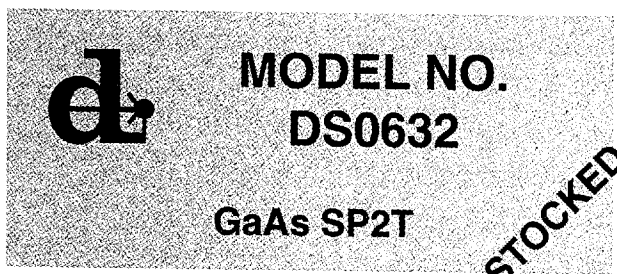


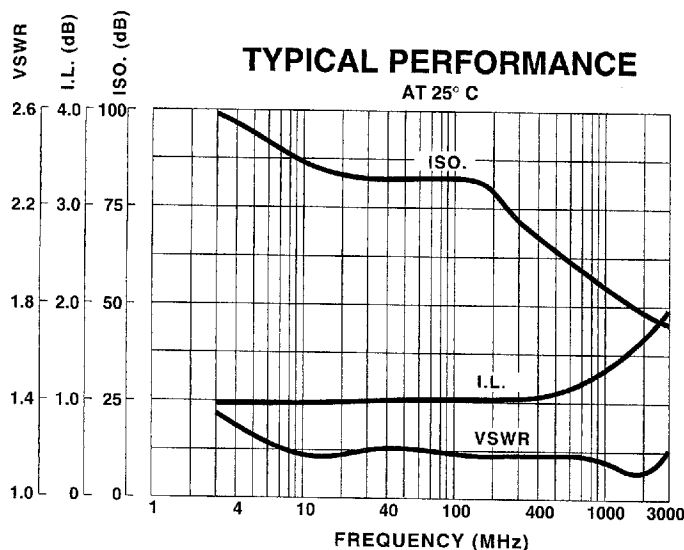
FEATURES

- 5 - 2000 MHz
- 34 nSec Switching Speed
- TTL Driver
- Non-Reflective
- 14 Pin Surface Mount Package
- See DS0602 For 14 Pin DIP Version

SP2T



N/C = NO INTERNAL CONNECTION



GUARANTEED PERFORMANCE

PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS
OPERATING FREQUENCY	5		2000	MHz	
DC CURRENT		0.2	1	mA	AT +5 VDC SUPPLY
CONTROL TYPE		TTL			LOGIC "1" = RF COM TO RF1
CONTROL CURRENT:	HIGH LOW	0 0	±20 ±20	μA	V _{IH} = +2.7V V _{IL} = +0.5V
ISOLATION	60 40	78 49		dB	5 - 100 MHz 100 - 2000 MHz
INSERTION LOSS		1.0 1.5	1.5 2.0	dB	5 - 100 MHz 100 - 2000 MHz
VSWR:	THRU TERMINATION	1.25/1 1.40/1	1.5/1 2.0/1		
IMPEDANCE		50		OHMS	
SWITCHING SPEED		34	50	n SEC	50% TTL TO 90% / 10% RF
TRANSITION (RISE/FALL) TIME		10		n SEC	10% / 90% OR 90% / 10% RF
SWITCHING (VIDEO) TRANSIENTS		80		mV	
INTERCEPT POINTS,	2ND 3RD	+52 +35		dBm dBm	70 MHz / 35 MHz 35 MHz / 50 MHz
RF POWER:	OPERATE NO DAMAGE	+10 +18	+7 +27	dBm dBm	0.1 dB COMP BELOW 100 MHz 0.1 dB COMP ABOVE 100 MHz
OPERATING TEMPERATURE	-55	+25	+125	°C	TA