

FEATURES

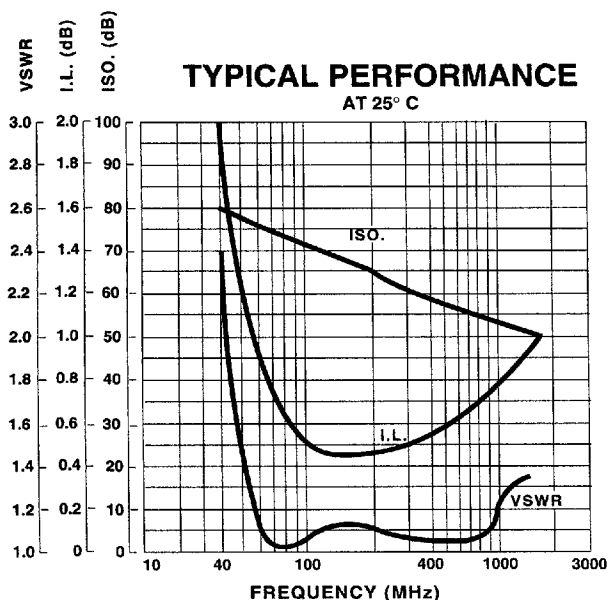
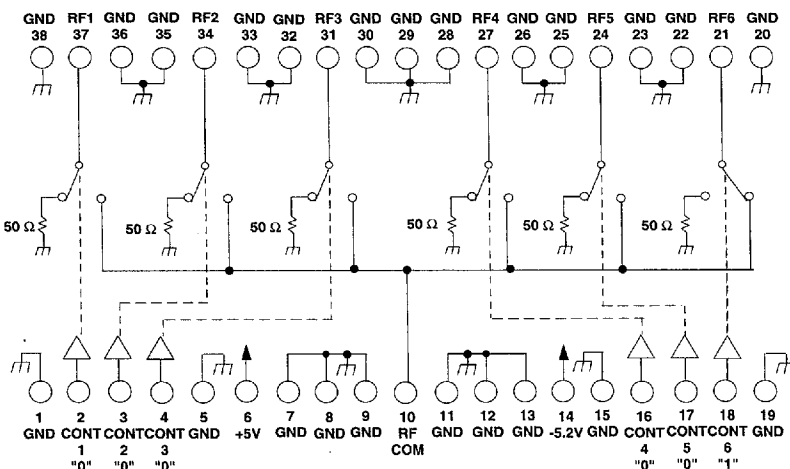
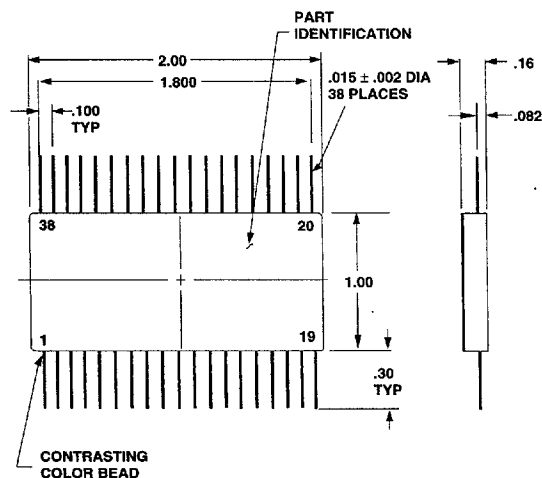
- 100-1000 MHz
- 25 mA @ +5 VDC
- 30 mA @ -5.2 VDC
- 38 Pin Flatpack



**MODEL NO.
DSW68034**

PIN Diode SP6T

SP6T



GUARANTEED PERFORMANCE

PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS
OPERATING FREQUENCY	100		1000	MHz	
DC CURRENT		25 30	35 45	mA	AT +5 VDC SUPPLY AT -5.2 VDC SUPPLY
CONTROL TYPE		TTL			6 LINES LOGIC "1" = ON LOGIC "0" = OFF
CONTROL CURRENT:	HIGH LOW	0 -0.26	50 -500	μA	VIH = +2.0V VIL = +0.8V
INSERTION LOSS		.8	1.5	dB	
ISOLATION	45	53		dB	
VSWR: THRU TERMINATION		1.15/1 1.15/1	1.5/1 1.5/1		
IMPEDANCE		50		OHMS	
SWITCHING SPEED		0.245	1.0	μSEC	50% TTL - 90% / 10% RF
SWITCHING (VIDEO) TRANSIENTS		0.70	1.2	V	PEAK VALUE
INTERCEPT POINTS, 2ND 3RD	+40	+90 +50		dBm	160/60 MHz 130/160 MHz
RF POWER: OPERATE NO DAMAGE		+25	+20 +30	dBm	0.1 dB COMPRESSION
OPERATING TEMPERATURE	-40	+25	+90	°C	TA

DAICO INDUSTRIES

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