

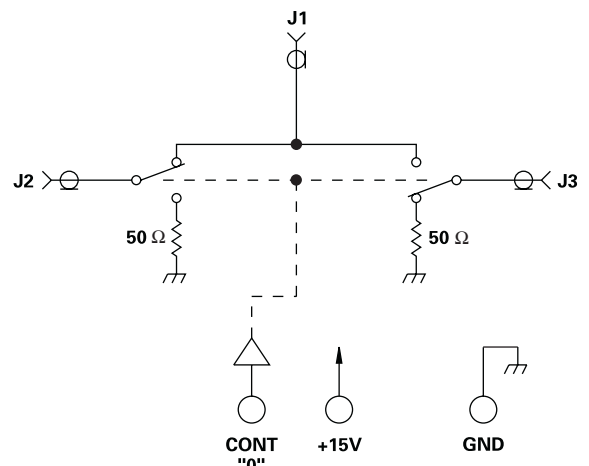
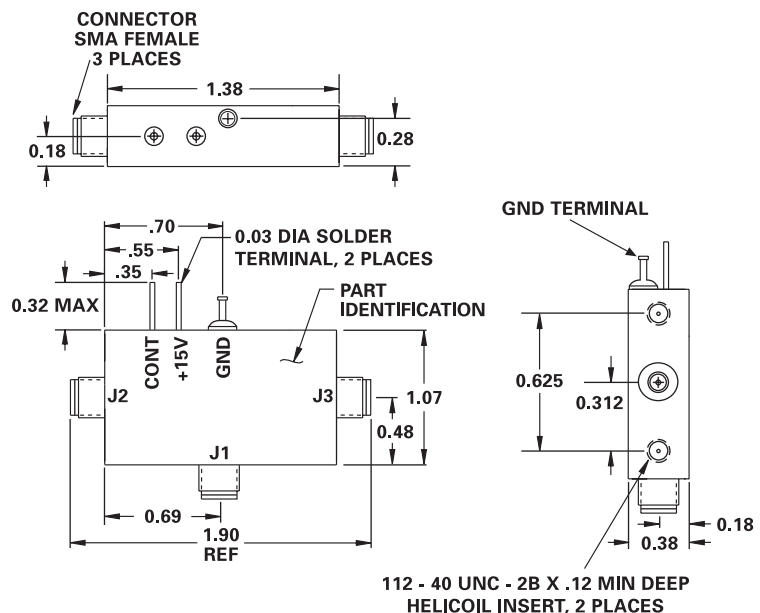
**MODEL NUMBER
DSW26176**

Diode SP2T

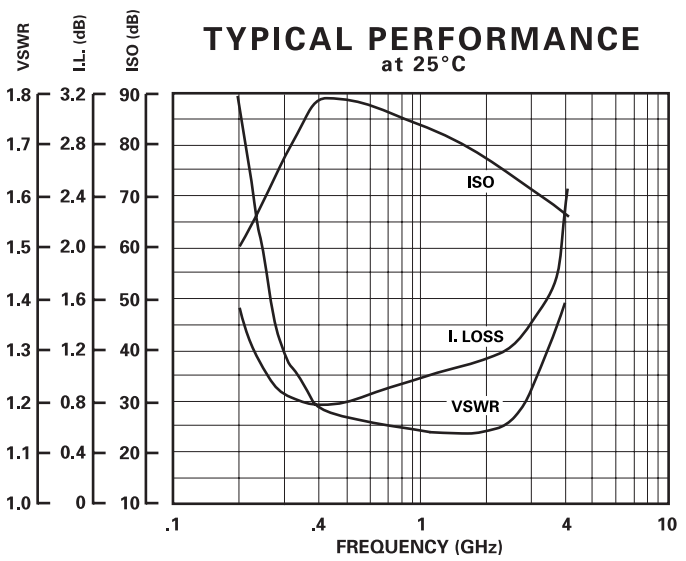
FEATURES

- 500-2500 MHz
- High Isolation
- 60 dB Isolation
- Low Insertion Loss, 1.20 dB

SP2T



GUARANTEED PERFORMANCE



Parameter	Min	Typ	Max	Units	Conditions	
Operating Frequency	500		2500	MHz		
DC Current		39	50	mA	At +5 VDC Supply	
Control Type		TTL			1 Line, J1 - J2 = Logic "0"	
Control Current		High Low	±1.0 ±1.0	20 -400	μA	VIH = +2.7V VIL = +0.5V
Isolation	60		75			dB
Insertion Loss		1.20	1.5			dB
Amplitude Balance		±0.01	±0.3			dB
Phase Tracking		±0.25	2			DEG
VSWR		Thru Termination	1.20/1 1.15/1	1.4/1 1.5/1		
Impedance			50			OHMS
Switching Speed			8.4	10		μSEC
Transition (Rise/Fall) Time			5.8	10		μSEC
Switching (Video) Transients			20	200		mV
Intercept Points		2nd 3rd	+69 +37	+71 +39		dBm
RF Power		Operate No Damage	+23 +30	+20 +30		dBm
Operating Temperature	-55	+25	+125			°C
						TA