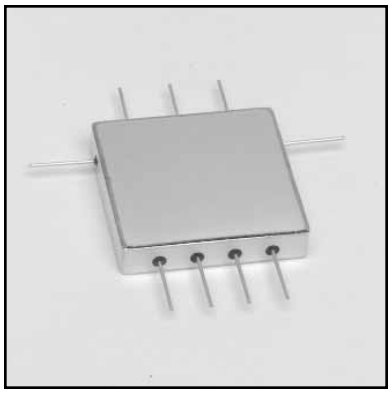


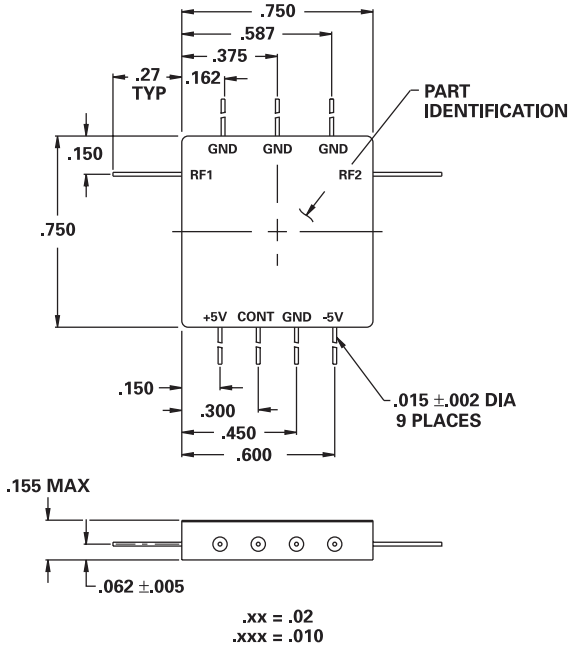
MODEL NUMBER
CSW18066

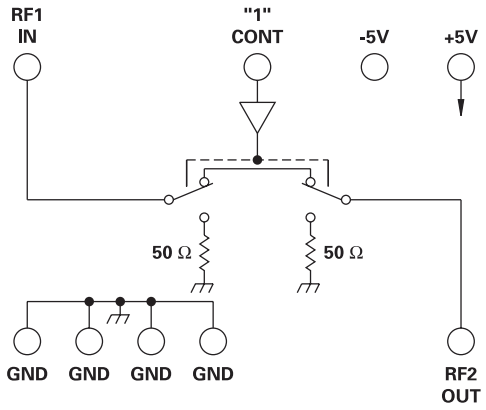
Switch SPST

FEATURES

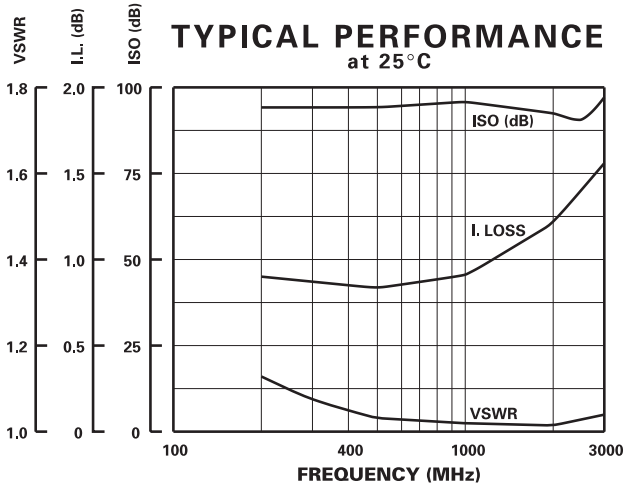
- 240-2800 MHz
- Flat Pack
- 88 db Isolation
- 300 nSec Switching Speed
- +44 dBm 3rd Order Intercept Point

SPST





TYPICAL PERFORMANCE at 25°C



GUARANTEED PERFORMANCE

Parameter		Min	Typ	Max	Units	Conditions
Operating Frequency		240		2800	MHz	
DC Current			9.1	15	mA	At +5 VDC Supply
			0	3	mA	At -5 VDC Supply
Control Type			TTL			1 Line Logic "0" = Isolation Logic "1" = Thru
Control Current	*High*		±1.0	±10	µA	VIH = +2.7 V
	Low		±1.0	±10	µA	VIL = +0.5 V
Insertion Loss			1.5	2.0	dB	
Isolation		65	88		dB	
VSWR	*Thru*		1.07/1	1.4/1		
	Termination		1.07/1	1.4/1		
Impedance			50		OHMS	
Switching Speed			127	300	nSec	50% TTL to 90% / 10% RF
Switching (Video) Transients			450		mV	Peak Value
Intercept Points	*2nd*	+60	+63		dBm	
	3rd	+30	+44		dBm	
RF Power	*Operate*		+23	0	dBm	0.1 dB Compression
	No Damage			+30	dBm	
Operating Temperature		-20	+25	+70	°C	TA
Storage Temperature		-45		+85	°C	TA