

## FEATURES

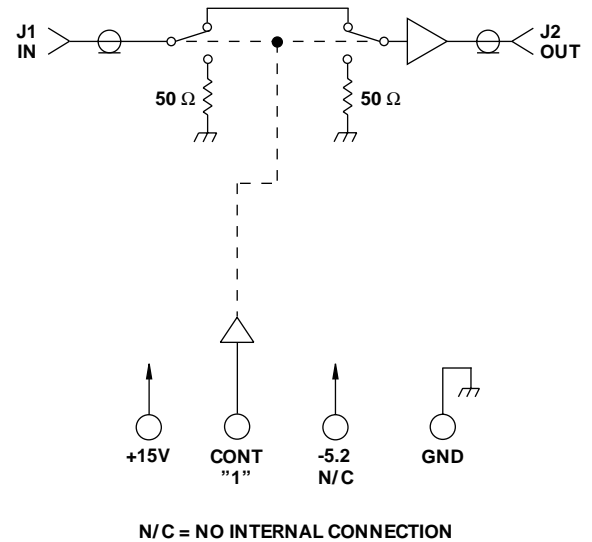
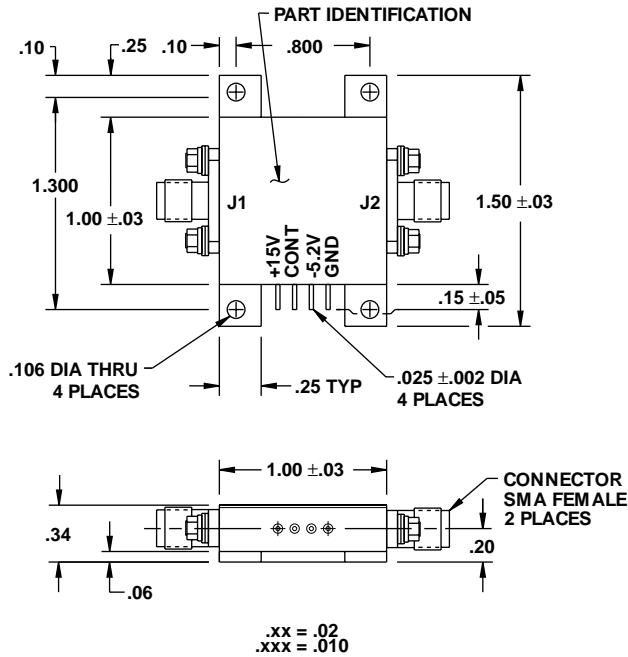
- 1500 - 2000 MHz
- 75 dB Isolation
- 15 mV Transients
- 10 dB Gain



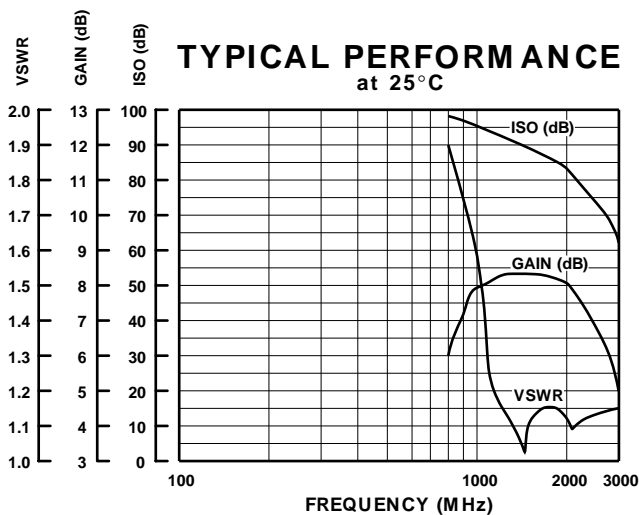
**MODEL NO.  
DHD06179**

**Switch-Amplifier**

HDI



## GUARANTEED PERFORMANCE



Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	1500		2000	MHz	
DC Current		145	200	mA	At +15 VDC Supply At -5.2 VDC Supply
Control Type		TTL			1 Line Logic "1" = Thru
Control Current				$\mu$ A	$V_{IH} = +2.7$ V $V_{IL} = +0.5$ V
		High Low	-110 -230		
			80 -400		
Gain				dB	
		6	8	10	
Isolation		75	83	dB	1500 - 2000 MHz
VSWR					
		Thru	1.25/1	75	
		Termination	1.06/1	2/1	
Impedance			50	OHMS	
Switching Speed		23	35	nSec	50% TTL to 90% / 10% RF
Transition (Rise/Fall) Time		3	20	nSec	10% / 90% or 90% / 10% RF
Switching (Video) Transients			15	mV	Peak Value
Intercept Points					
		2nd	+52	dBm	800 / 700 MHz
		3rd	+35	dBm	1100 / 700 MHz
RF Output Power at 1 dB Gain Compression		+15	+20	dBm	1 dB Compression
Terminated Power			+10	dBm	
RF Input Power			+2	dBm	
Operating Temperature	-55	+25	+85	$^{\circ}$ C	TA
			+125	$^{\circ}$ C	Gain Spec May Vary