Advanced Release

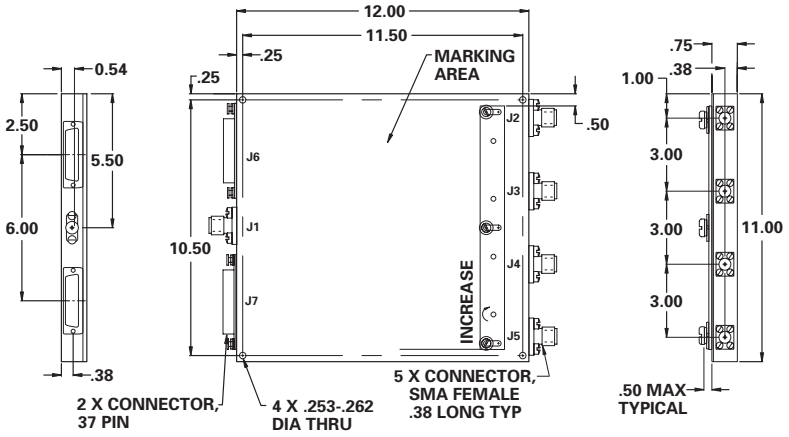
FEATURES

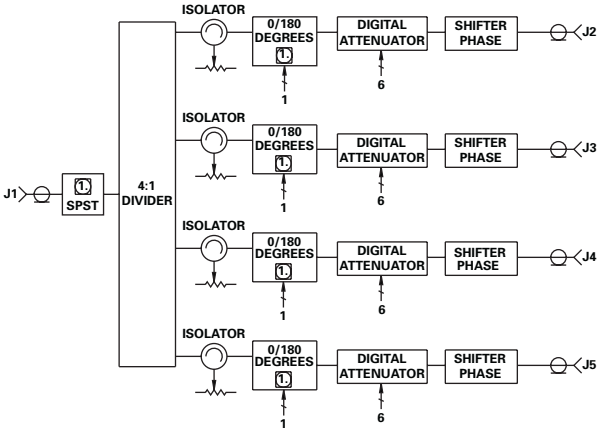
- 420 - 450 MHz
- Amplitude Tracking ± 0.25 dB Port/Port
- Phase Tracking ±3° Max
- 6 Bit Attenuator, 1 dB LSB
- 180° Phase Shift

MFD

MODEL NO. 100D9105

Switch / Attenuator / Phase Shifter





.xx = .02
.xxx = .010

GUARANTEED PERFORMANCE

Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	420		450	MHz	
DC Current		550	600	mA	At +15 VDC Supply
Control Type					
Control Current *High*				µA	VIH = +2.7 V
Low				µA	VIL = +0.5 V
Insertion Loss		10	11.1	dB	Excluding 3 dB
Isolation	80			dB	Between each Combiner
	20			dB	Input Ports
VSWR		1.2/1	1.3/1		
Impedance		50		OHMS	
Switching Speed			1	µSec	50% TTL to 90% / 10% RF
Transition (Rise/Fall) Time				nSec	90% / 10% or 10% / 90% RF
Switching (Video) Transients				V	Peak Value
Intercept Points *2nd*				dBm	
3rd				dBm	
RF Power *Operate*	+13			dBm	
No Damage	+16			dBm	
Operating Temperature	+15		+50	°C	TA