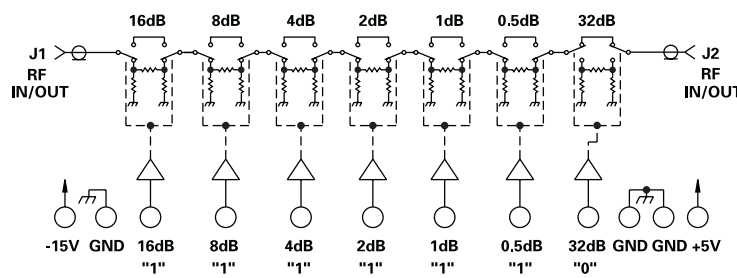
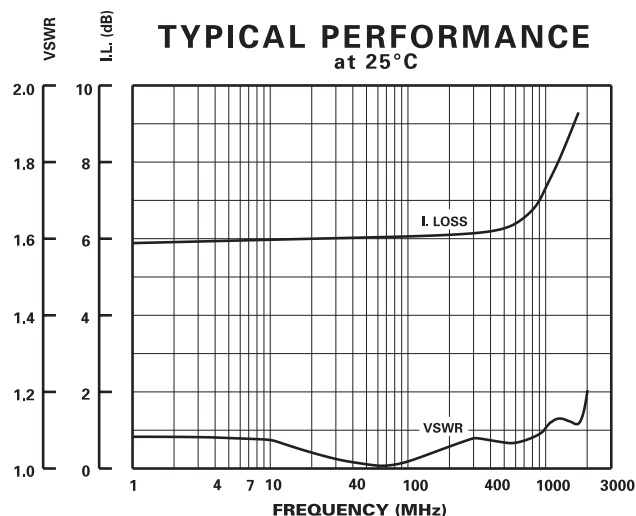
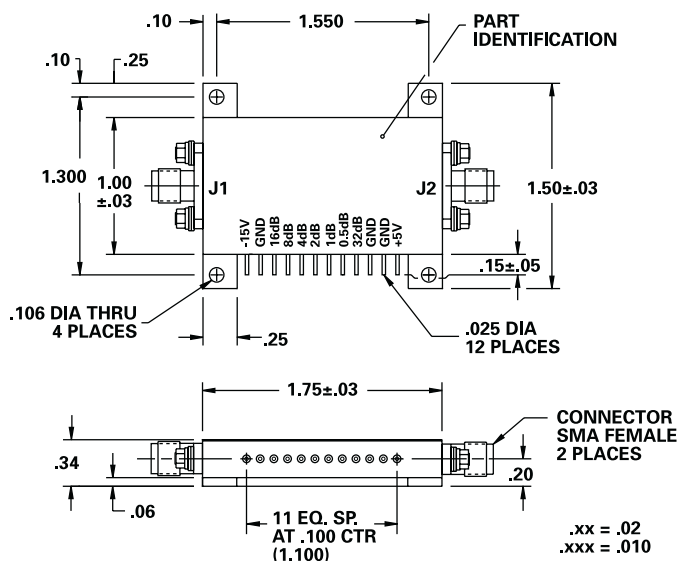


Attenuator 7 Section

- 5 - 1200 MHz
- 0.5 dB LSB, 63.5 dB Range
- Binary Attenuation Range
- Phase Matched Vs. Attenuation
- 60 nSec Switching Speed

- TTL Control
- Excellent VSWR

7 BIT



GUARANTEED PERFORMANCE

Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	5		1200	MHz	
DC Current		15 20	30 35	mA mA	At +5 VDC Supply At -15 VDC Supply
Control Type		TTL			7 Lines Logic "0" = Thru Logic "1" = Attenuation
Control Current	High Low	0 0	±20 ±20	µA µA	V _{IH} = +2.7 V V _{IL} = +0.5 V
Insertion Loss		7.1	9.0	dB	
Attenuation	LSB Range Accuracy	0 0.5	63.75	dB dB dB	0.5, 1, 2, 4, 8, 16, 32 ± (0.25 dB +2% of Atten. Setting in dB)
Attenuation Vs. Phase			±5 ±8	DEG DEG	DC - 500 MHz 500 - 1000 MHz
VSWR		1.2/1	1.35/1		
Impedance		50		OHMS	
Switching Speed		60	100	nSec	50% TTL to 90% / 10% RF
Transition (Rise/Fall) Time		20		nSec	90% / 10% or 10% / 90% RF
Switching (Video) Transients		100		mV	Peak Value
Intercept Points	2nd 3rd	+63 +43		dBm dBm	70 MHz / 50 MHz 35 MHz / 50 MHz
RF Power	Operate No Damage	+8 +17	+3 +13 +24	dBm dBm dBm	0.1 dB Compression < 50 MHz 0.1 dB Compression > 50 MHz
Operating Temperature	-55	+25	+85	°C	TA