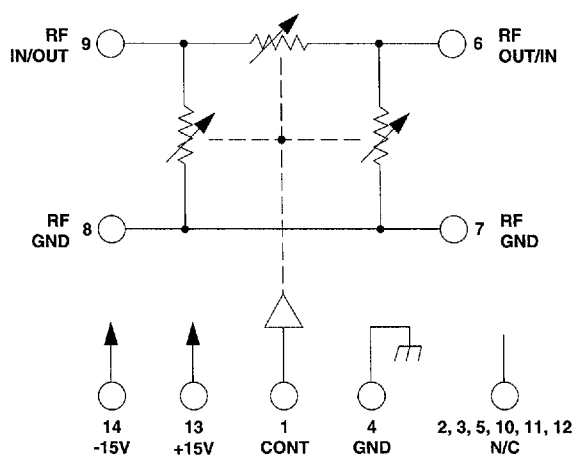
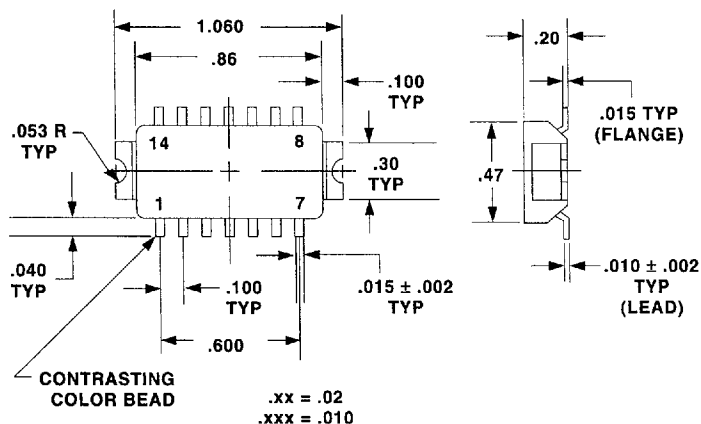


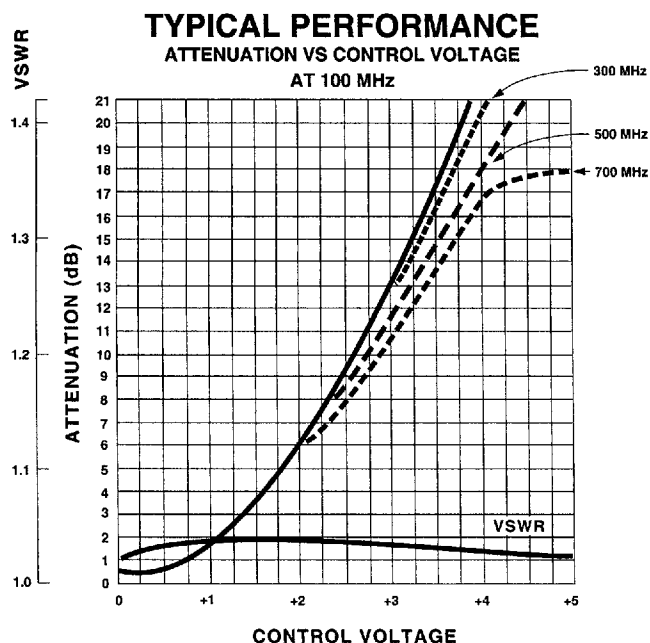
- 20 - 300 MHz
- 20 dB Linear Range Typical
- ± 0.8 dB Linearity
- +47 dBm 3rd Order Intercept
- 0.8 dB Insertion Loss
- See DA0035 For 14 Pin DIP Version
- See 100C0911 For Connectorized Version



VCA



N/C = NO INTERNAL CONNECTION



PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS
OPERATING FREQUENCY	20		300	MHz	
DC CURRENT		30 40	60 60	mA mA	AT +15 VDC SUPPLY AT -15 VDC SUPPLY
CONTROL CURRENT			1	mA	0 TO +5V CONTROL
INSERTION LOSS		0.8	1.5	dB	
ATTENUATION RANGE SLOPE LINEARITY	18 5	20 6.5	8 ± 0.8	dB dB/V dB	BEST STRAIGHT LINE FIT FROM IL +1.5 dB TO 18 dB
VSWR		1.1/1	1.25/1		
IMPEDANCE		50		OHMS	
SLEW RATE		6		dB/μs	
INTERCEPT POINTS	2ND 3RD	+97 +47		dBm dBm	70 MHz / 50 MHz 35 MHz / 50 MHz
RF POWER:	OPERATE NO DAMAGE		+10 +20	dBm dBm	
OPERATING TEMPERATURE	-55	+25	+85	°C	TA