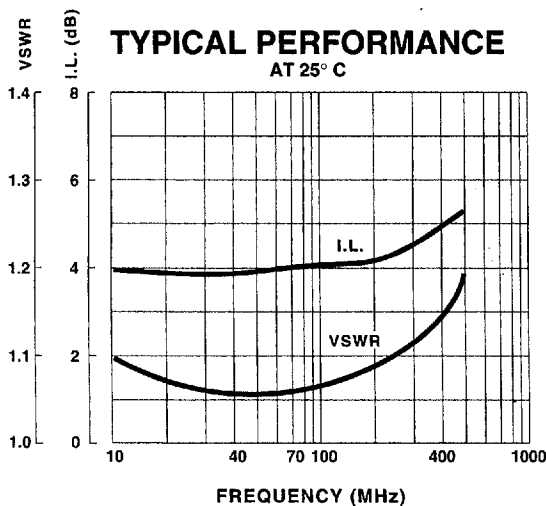
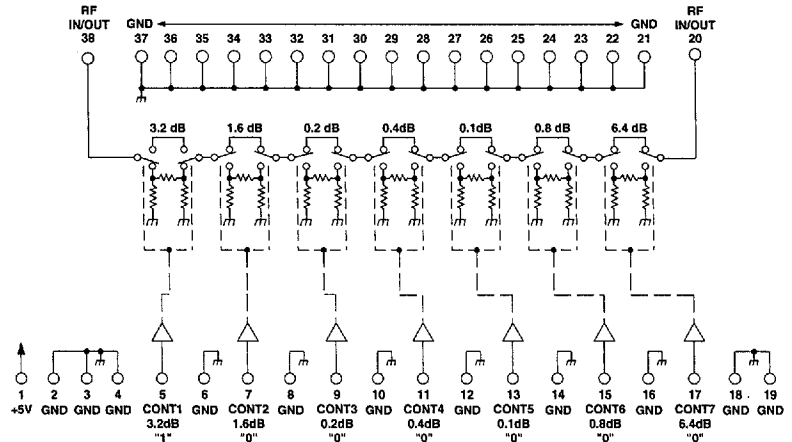
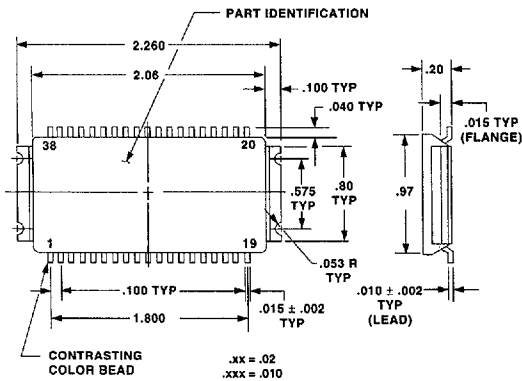
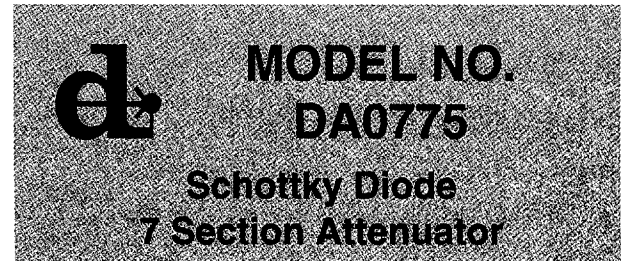


FEATURES

- 30 - 150 MHz
- 25 nSec Switching Speed
- 4 dB Insertion Loss
- 0.1 dB LSB, 12.7 dB Range
- TTL Control
- 38 Pin Surface Mount Package



GUARANTEED PERFORMANCE

PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS
OPERATING FREQUENCY	30		150	MHz	
DC CURRENT		390	540	mA	AT +5 VDC SUPPLY
CONTROL TYPE		TTL (LOAD FACTOR 1)			7 LINES LOGIC "0" = THRU LOGIC "1" = ATTENUATION
CONTROL CURRENT:	HIGH LOW	0.0 -0.06	25 -200	μ A μ A	V _{IH} = +2.7V V _{IL} = +0.5V
INSERTION LOSS		4.0	5.0	dB	
ATTENUATION	LSB RANGE ACCURACY	0	0.1 12.7	dB dB	0.1, 0.2, 0.4, 0.8, 1.6, 3.2, 6.4 0.1 dB TO 0.9 dB: ± (0.05dB + 15% OF ATTEN. SETTING IN dB) 1.0 dB TO 12.7 dB: ± (0.15 dB + 2% OF ATTEN. SETTING IN dB)
VSWR		1.15/1	1.35/1		
IMPEDANCE		50		OHMS	
SWITCHING SPEED		25	35	nSEC	50% TTL TO 90% / 10% RF
TRANSITION (RISE/FALL) TIME		7		nSEC	90% / 10% OR 10% / 90% RF
SWITCHING (VIDEO) TRANSIENTS			500	mV	PEAK VALUE
INTERCEPT POINTS,	2ND 3RD	93 36		dBm dBm	40 MHz / 30 MHz 55 MHz / 40 MHz
RF POWER:	OPERATE NO DAMAGE	+15 +20	+10 +20	dBm dBm	0.1 dB COMPRESSION
OPERATING TEMPERATURE	-55	+25	+85	°C	TA