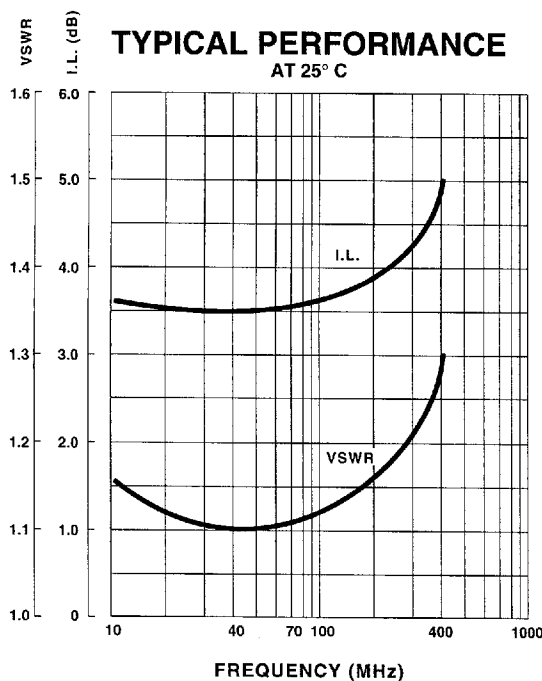
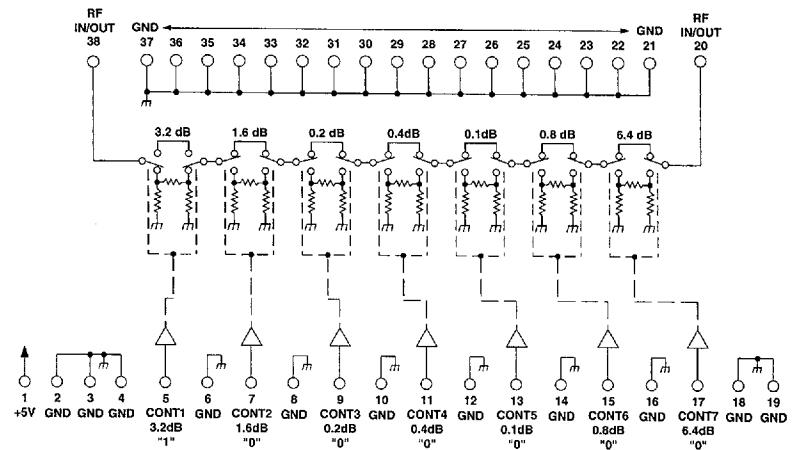
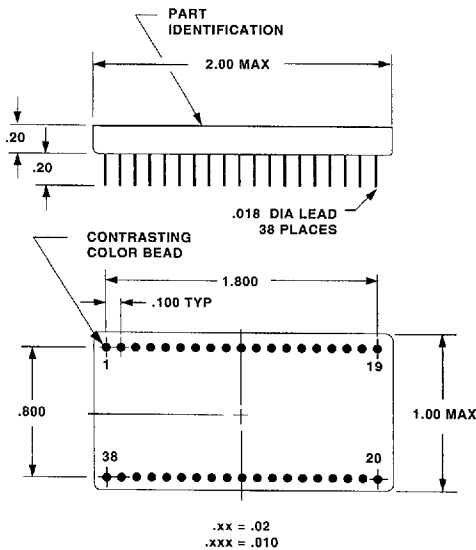
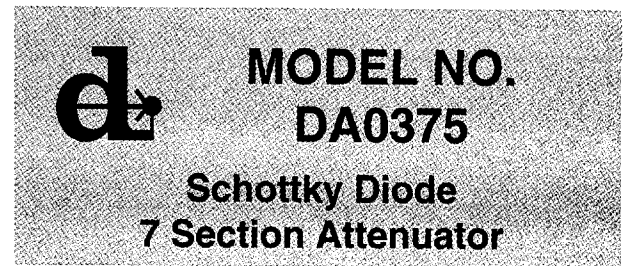


FEATURES

- 10 - 150 MHz
- 20 nSec Switching Speed
- 3.5 dB Insertion Loss
- 0.1 dB LSB, 12.7 dB Range
- TTL Control
- See DA0775 For Surface Mount Version



GUARANTEED PERFORMANCE

PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS
OPERATING FREQUENCY	10		150	MHz	
DC CURRENT		390	540	mA	AT +5 VDC SUPPLY
CONTROL TYPE		TTL			7 LINES LOGIC "0" = THRU LOGIC "1" = ATTENUATION
CONTROL CURRENT:	HIGH LOW		25 -200	μ A μ A	V _{IH} = +2.7V V _{IL} = +0.5V
INSERTION LOSS		3.5	4.0	dB dB	45 - 75 MHz (± 0.5 dB) 10 - 150 MHz
ATTENUATION	LSB RANGE ACCURACY	0 0.1	12.7	dB dB dB	0.1, 0.2, 0.4, 0.8, 1.6, 3.2, 6.4 0.1 dB TO 0.9 dB: $\pm (0.05 \text{ dB} + 15\% \text{ OF ATTEN. SETTING IN dB})$ 1.0 dB TO 12.7 dB: $\pm (0.15 \text{ dB} + 2\% \text{ OF ATTEN. SETTING IN dB})$
VSWR		1.15/1	1.35/1		
IMPEDANCE		50		OHMS	
SWITCHING SPEED		20	35	nSEC	50% TTL TO 90% / 10% RF
TRANSITION (RISE/FALL) TIME		7		nSEC	90% / 10% OR 10% / 90% RF
SWITCHING (VIDEO) TRANSIENTS			0.5	V	PEAK VALUE
INTERCEPT POINTS,	2ND 3RD	+93 +36		dBm dBm	MHz MHz
RF POWER:	OPERATE NO DAMAGE	+15 +10 +20		dBm dBm dBm	0.1 dB COMPRESSION
OPERATING TEMPERATURE		-55 +25 +85		°C	TA