SERIES 607 10-TAPS CHIP CARRIER FAST LOGIC DELAY MODULES

- 30 Pin Chip Carrier • Designed For Surface Mounting • Low Profile
- TTL and DTL Compatible • 10 Equally Spaced Taps

Specifications:

- Supply Voltage : 4.75 to 5.25VDC
- Logic 1 Input Current : 100μA Max
- Logic 0 Input Current : −1.6mA Max
- Logic 1 Volt Out : 2.5V Min
- Logic 0 Volt Out : 0.5V Max
- Logic 1 Fan-Out : 25 Max
- Logic 0 Fan-Out : 12.5 Max
- Output Rise Time(2) : 2NSEC TYP.
- Operating Temp Range : 0°C to 70°C
- Temperature Coefficient : 100 PPM/°C

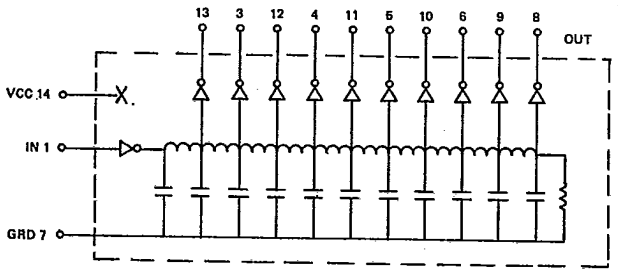
Input Test Conditions:

- Input Pulse Voltage : 3.2V
- Input Rise Time : ⩽2NS
- Pulse Width : 40% of Total Delay
- Supply Current ICCL* : 50mA
  ICCH* : 15mA

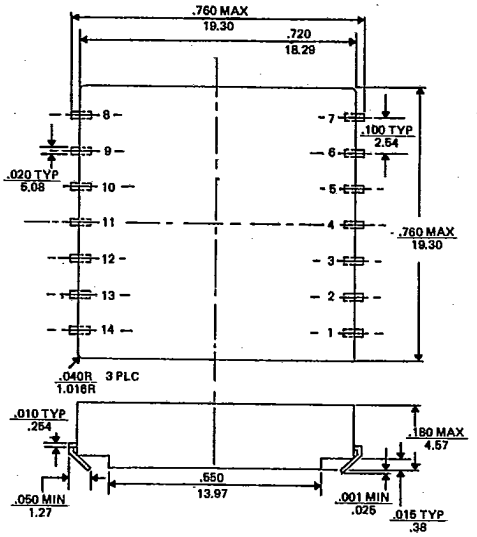
Electrical Specifications at 25°C (Measured with no Loads on Taps)

Part Number	Total Delay Nanosecond (1)	Tap to Tap Delay NSEC (1)
607−10*	9.0±1.0	1.0±0.4
607−20*	18.0±2.0	2.0±0.5
607−25*	22.5±2.0	2.5±0.7
607−50*	45.0±2.0	5.0±1.0
607−60	60.0±3.0	6.0±1.0
607−70	70.0±3.5	7.0±1.0
607−75	75.0±3.5	7.5±1.0
607−100	100.0±5.0	10.0±2.0
607−125	125.0±6.0	12.5±2.0
607−150	150.0±7.5	15.0±2.0
607−200	200.0±10.0	20.0±2.0
607−250	250.0±12.5	25.0±2.5

Note: (1) Measured at 1.5v level leading edge.
(2) Measured from 0.75v to 2.4v.
*Time Delay measured with respect to 1st Tap.



SCHEMATIC



INCHES .XXX ± .010
MILLIMETERS .XX ± .25