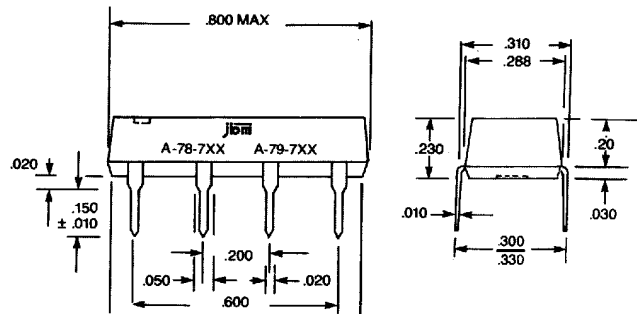
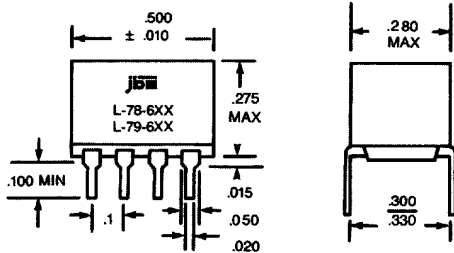


**L-78-600 SERIES (8-pin)**  
Mini Single

**L-79-600 SERIES (8-pin)**  
Mini 3 DLS

**A-78-700 SERIES (14-pin)**  
Single

**A-79-700 SERIES (14-pin)**  
3 DLS

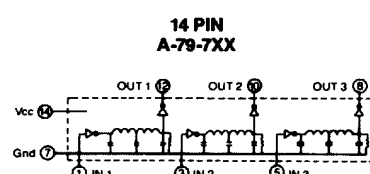
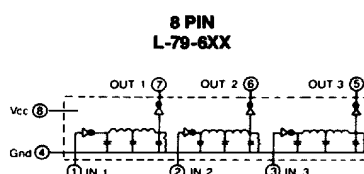
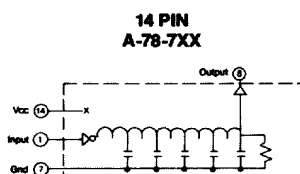
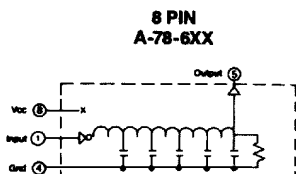


**INPUT CONDITIONS**  
(See Page 2)

Operating Temp. . . . . 0°C to +70°C  
Storage Temp. . . . . -55°C to +125°C  
(All lines internally terminated)  
I<sub>IH</sub> Logic "1" Input Current . . . 50µA Max.  
I<sub>IL</sub> Logic "0" Input Current . . . -2mA Max.  
V<sub>OH</sub> Logic "1" Voltage Out . . . . 2.7V Min.  
V<sub>OL</sub> Logic "0" Voltage Out . . . . 0.5V Max.

**DRIVE CAPABILITIES**  
(TTL LOADS)

Logic "0" 10 Loads/Tap Max.  
20 Loads/Unit Max.  
Logic "1" 20 Loads/Unit Max.  
Voltage Range: 4.75V to 5.25V



**SINGLE OUTPUT DELAY LINES**

8 PIN Part Number	14 PIN Part Number	TOTAL (ns) Delay Time
L-78-605	A-78-705	5.0 ± 1 ns
L-78-610	A-78-710	10.0 ± 2 ns
L-78-615	A-78-715	15.0 ± 2 ns
L-78-620	A-78-720	20.0 ± 2 ns
L-78-625	A-78-725	25.0 ± 2 ns
L-78-630	A-78-730	30.0 ± 2
L-78-640	A-78-740	40.0 ± 2
L-78-650	A-78-750	50.0 ± 2.5
L-78-652	A-78-752	60.0 ± 3
L-78-656	A-78-756	75.0 ± 4
L-78-659	A-78-759	100 ± 5
L-78-661	A-78-761	150 ± 7.5
L-78-663	A-78-763	200 ± 10
L-78-665	A-78-765	250 ± 12.5
L-78-666	A-78-766	300 ± 15
L-78-668	A-78-768	400 ± 20
L-78-670	A-78-770	500 ± 25

**3 INDEPENDENT DELAY LINES**

8 PIN Part Number	14 PIN Part Number	Total (ns) Delay
L-79-605	A-79-705	5.0 ± 1
L-79-606	A-79-706	6.0 ± 1
L-79-607	A-79-707	7.0 ± 1.5
L-79-608	A-79-708	8.0 ± 1.5
L-79-609	A-79-709	9.0 ± 2
L-79-610	A-79-710	10.0 ± 2
L-79-615	A-79-715	15.0 ± 2
L-79-620	A-79-720	20.0 ± 2
L-79-625	A-79-725	25.0 ± 2.5
L-79-630	A-79-730	30.0 ± 3
L-79-640	A-79-740	40.0 ± 3
L-79-650	A-79-750	50.0 ± 3
—	A-79-752	60.0 ± 3
—	A-79-756	70.0 ± 3.5
—	A-79-759	75.0 ± 4
—	A-79-768	100 ± 5