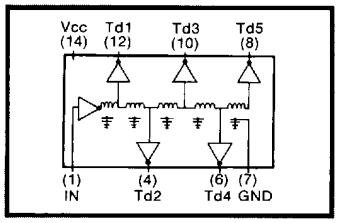
T-47-13

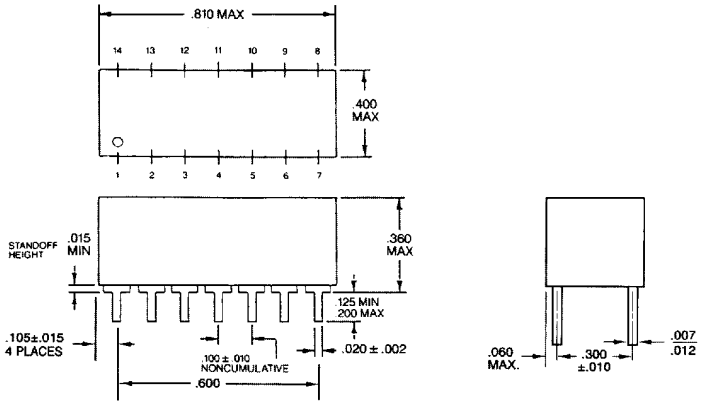
QPL Active Delay Modules (TTL)

Active Mil-D-83532 QPL Delay Modules (TTL Logic)

Military Part No.	Technitrol Part No.	Tap Delays (ns)					
		T_D1	T_D2	T_D3	T_D4	T_D5	T_R + *
M83532/02A001A	TTLDL0257JY	5.0	10.0	15.0	20.0	25.0	4.0
M83532/02A006A	TTLDL0507JY	10.0	20.0	30.0	40.0	50.0	4.0
M83532/02A011A	TTLDL0757JY	15.0	30.0	45.0	60.0	75.0	4.0
M83532/02A014A	TTLDL1007JY	20.0	40.0	60.0	80.0	100.0	4.0
M83532/02A015A	TTLDL1257JY	25.0	50.0	75.0	100.0	125.0	4.0
M83532/02A016A	TTLDL1507JY	30.0	60.0	90.0	120.0	150.0	4.0
M83532/02A018A	TTLDL2007JY	40.0	80.0	120.0	160.0	200.0	4.0
M83532/02A020A	TTLDL2507JY	50.0	100.0	150.0	200.0	250.0	4.0
M83532/02A026A	TTLDL5007JY	100.0	200.0	300.0	400.0	500.0	5.0

NOTE: Additional slash numbers from 02A001A through 02A029A available upon request.
*Measured @ V_{CC} = 5.0V, 25°C, with 50 pf load to ground and 500 ohms to V_{CC}.





- Technitrol—the *first* delay line supplier to be QPL'd.
- Active 5 tap, 14-pin DIP delay lines qualified to Mil-D-83532.
- Established reliability assured through a fully approved program in accordance with Mil-Std-790.*
- Standard total delay values ranging from 25 to 500 nanoseconds and tap delay values from 5 to 100 nanoseconds.
- Other military part numbers with non-standard delay values available upon request.
- QPL JAN I.C.'s (in accordance with Mil-M-38510) incorporated in all active delay lines.
- All units transfer molded for maximum reliability.
- For QPL passive delay lines, see page 12.

*Reliability Assurance Program for Electronic Parts Specifications.

Notes
Only the pins specified in the schematics are provided with each package.
Pin numbers shown are for reference only and are not necessarily marked on unit.
Lead material is electro tin plated (alloy 42) or solder dipped.
All specifications are subject to change without notice.