

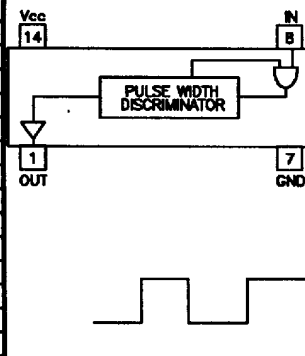
SCHOTTKY TTL BUFFERED DELAY MODULES

TTL PULSE WIDTH DISCRIMINATOR

TLPD-XXX SERIES

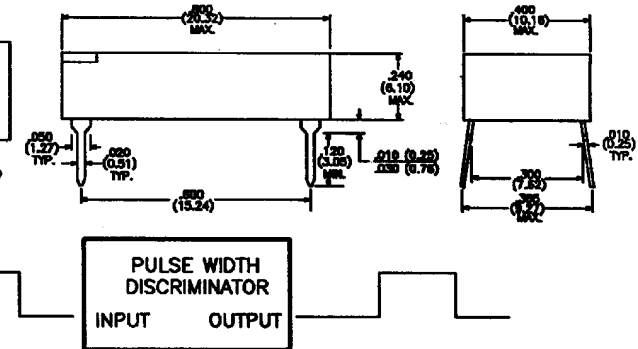
PART NUMBER	INPUT PULSE WIDTH CONDITIONS (ns)		
	UNSTABLE	SUPPRESS	PASS
TLPD-5	5 ± 1.0	≤ 4.0	≥ 6.0
TLPD-10	10 ± 1.5	≤ 8.5	≥ 11.5
TLPD-15	15 ± 1.5	≤ 13.5	≥ 16.5
TLPD-20	20 ± 1.5	≤ 18.5	≥ 21.5
TLPD-25	25 ± 1.5	≤ 23.5	≥ 26.5
TLPD-30	30 ± 1.5	≤ 28.5	≥ 31.5
TLPD-35	35 ± 2.0	≤ 33.0	≥ 37.0
TLPD-40	40 ± 2.0	≤ 38.0	≥ 42.0
TLPD-45	45 ± 2.5	≤ 42.5	≥ 47.5
TLPD-50	50 ± 2.5	≤ 47.5	≥ 52.5
TLPD-55	55 ± 2.5	≤ 52.5	≥ 57.5
TLPD-60	60 ± 3.0	≤ 57	≥ 63.0
TLPD-65	65 ± 3.5	≤ 61.5	≥ 68.5
TLPD-70	70 ± 4.0	≤ 66.0	≥ 74.0
TLPD-75	75 ± 4.0	≤ 71.0	≥ 79.0
TLPD-90	90 ± 4.5	≤ 85.5	≥ 94.5
TLPD-100	100 ± 5.0	≤ 95.0	≥ 105.0
TLPD-120	120 ± 6.0	≤ 114.0	≥ 126.0
TLPD-150	150 ± 7.5	≤ 142.5	≥ 157.5
TLPD-180	180 ± 9.0	≤ 171.0	≥ 189.0
TLPD-200	200 ± 10.0	≤ 190.0	≥ 210.0
TLPD-250	250 ± 12.5	≤ 237.5	≥ 262.5
TLPD-300	300 ± 15.0	≤ 285.0	≥ 315.0
TLPD-350	350 ± 17.5	≤ 332.5	≥ 367.5
TLPD-400	400 ± 20.0	≤ 380.0	≥ 420.0
TLPD-500	500 ± 25.0	≤ 475.0	≥ 525.0

SCHEMATIC DIAGRAM

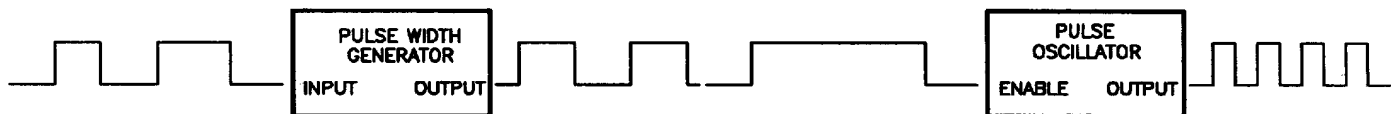


PHYSICAL DIMENSIONS Dimensions in Inches (mm)

Military Part Height for TLPD-XXXM: .300 (7.62) Max.



1. Input to Output propagation Delay, TPD = (NOMINAL Pulse Width + 5.0ns) ± 5% or 2ns whichever is greater.
2. The output of the module will remain at Logic "0" for any input pulse width shorter than the specified SUPPRESS time.
3. The output will change to Logic "1" TPD later only when the input pulse width is greater than the specified PASS time.
4. The output pulse width will be within ± 5% or 2.0ns (whichever is greater) of the input pulse width.
5. Pulse width is measured at the 1.50V level.
6. UNSTABLE = Edge transition region where transient noise may cause unstable output pulse widths.

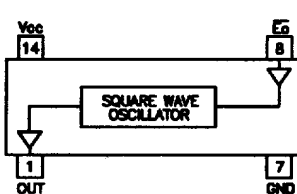


TTL OSCILLATOR 14-PIN THROUGH -HOLE DIL

TTLOS-XX SERIES

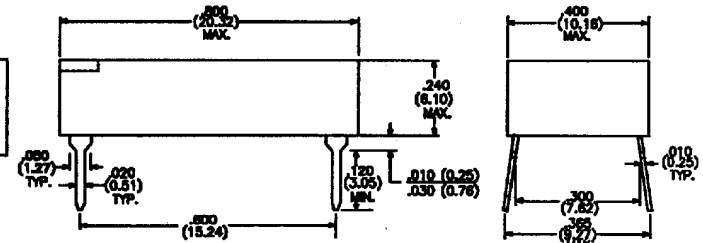
PART NUMBER	OUTPUT ± 3%	PART NUMBER	OUTPUT ± 3%
TTLOS-2	2 MHz	TTLOS-30	30 MHz
TTLOS-3	6 MHz	TTLOS-35	35 MHz
TTLOS-4	7 MHz	TTLOS-40	40 MHz
TTLOS-5	8 MHz	TTLOS-45	45 MHz
TTLOS-6	9 MHz	TTLOS-50	50 MHz
TTLOS-10	10 MHz	TTLOS-60	60 MHz
TTLOS-15	15 MHz	TTLOS-70	70 MHz
TTLOS-20	20 MHz	TTLOS-80	80 MHz
TTLOS-25	25 MHz	TTLOS-90	90 MHz

SCHEMATIC DIAGRAM



PHYSICAL DIMENSIONS All dimensions in Inches (mm)

Military Part Height for TTLOS-XXM: .300 (7.62) Max.

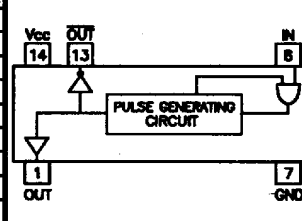


TTL PULSE WIDTH GENERATOR 14-PIN THROUGH -HOLE DIL

TLPWG-XX SERIES

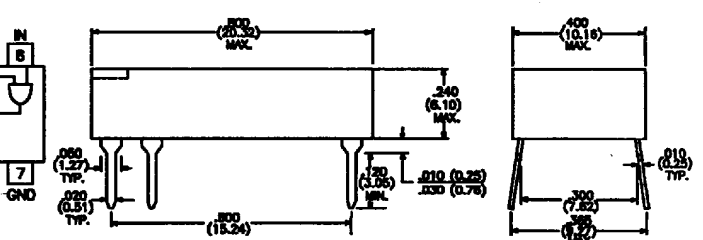
PART NUMBER	WIDTH (ns)	Freq Max MHz	PART NUMBER	WIDTH (ns)	Freq Max MHz
TLPWG-5	5 ± 1.00	98	TLPWG-30	30 ± 2.00	15
TLPWG-6	6 ± 1.00	80	TLPWG-35	35 ± 2.00	13
TLPWG-7	7 ± 1.00	70	TLPWG-40	40 ± 2.00	11
TLPWG-8	8 ± 1.00	60	TLPWG-45	45 ± 2.25	10
TLPWG-9	9 ± 1.00	54	TLPWG-50	50 ± 2.50	9
TLPWG-10	10 ± 1.50	49	TLPWG-60	60 ± 3.00	8
TLPWG-15	15 ± 2.00	32	TLPWG-70	70 ± 3.50	7
TLPWG-20	20 ± 2.00	24	TLPWG-80	80 ± 4.00	6
TLPWG-25	25 ± 2.00	19	TLPWG-90	90 ± 4.50	5

SCHEMATIC DIAGRAM



PHYSICAL DIMENSIONS All dimensions in Inches (mm)

Military Part Height for TLPWG-XXM: .300 (7.62) Max.



Specifications subject to change without notice

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