.360 Max

.050
Typ

12

Impellimax

NS299AL

Part
Number

DCDC

Date
Code

Index

1

XXX

Serial
Number

7 3

.025
Typ

.295 max

.089 max

Package Code L

Tolerances Except as Noted	Revisions				**Impellimax**		
.x = +/- .05 .xx = +/- .01 .xxx = +/- .005 Dimensions in inches					**OUTLINE**		
							Sheet 1 of 2
Information herein is believed accurate. Suitability not guaranteed.					Drawn By: PC	Date: 5/5/00	Drawing #
					DRF: 466	Approved: PC	**NS2-53**

PIN	CONNECTION	PIN	CONNECTION
1	- V	18	NC
2	NC	17	Out 1
3	Ground	16	NC
4	TTL IN 1	15	NC
5	NC	14	NC
6	TTL IN 2	13	NC
7	NC	12	NC
8	NC	11	Out 2
9	+ 5 V	10	NC

Notes:

1) Channels are independent and noninverting. Logic low causes output to sink current and logic hi causes output to source curent.

2) Unit does not contain internal supply bypass capacitors.

3) Switching speed is 40 nsec typ, 80 nsec max into resistive loads.

4) Output current must be externally limited by series resistors. Output current can be in the range of 1 to 60 mA per output.

5) Negative supply voltage can be in the range of -2 to -12 V ("A" Voltage Code). For greater negative voltage capability, "B" voltage code units operate from -2 to -15V.

Tolerances Except as Noted	Revisions				Impellimax		
.x = +/- .05 .xx = +/- .01 .xxx = +/- .005 Dimensions in inches					**OUTLINE**		
							Sheet 2 of 2
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					DRF: 466	Approved: P. C.	NS2-53