



Package Code 4

| Tolerances<br>Except as Noted<br>.x = +/- .05<br>.xx = +/- .01<br>.xxx = +/- .005<br>Dimensions<br>in inches | Revisions |          |         |    | <b>Impellimax</b> |         |           |           |
|--|-----------|----------|---------|----|-------------------|---------|-----------|-----------|
|  | Rev       | Number   | Date    | By | <b>OUTLINE</b>    |         |           |           |
| Information herein is<br>believed accurate.<br>Suitability not<br>guaranteed.                                | A         | ECO 2154 | 4/23/01 | PC |                   |         |           | Drawn By: |
|  |           |          |         |    | PC                | 4/23/01 |           |           |
|  |           |          |         |    | DRF:              | Date:   | Approved: | Drawing # |
|  |           |          |         |    | -                 | 2/9/96  | PC        | MF2-54    |

| PIN | CONNECTION  | PIN | CONNECTION |
|-----|-------------|-----|------------|
| 1   | - 28 V      | 22  | NC         |
| 2   | Out 1       | 21  | NC         |
| 3   | Testpoint 1 | 20  | NC         |
| 4   | In 1A       | 19  | NC         |
| 5   | In 1B       | 18  | NC         |
| 6   | Ground      | 17  | NC         |
| 7   | In 2B       | 16  | NC         |
| 8   | In 2A       | 15  | NC         |
| 9   | Testpoint 2 | 14  | NC         |
| 10  | Out 2       | 13  | NC         |
| 11  | +5V         | 12  | NC         |

**Notes:**

- 1) Inputs are X-Nor TTL. Apply logic hi to one input to cause the remaining input to be noninverting. Apply logic low to cause the remaining input to be inverting.
- 2) Switching speed is 30 nsec typical into shunt 1N914 loads. Outputs are spiked.
- 3) Outputs are not short-circuit protected.
- 4) Unit is not reverse bias protected.
- 5) Unit contains internal .01 uF bypass capacitors on both power supplies.

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|--|-----------|----------|---------|----|-------------------|--------|-----------|--------------|
|  | Rev       | Number   | Date    | By | Drawn By:         |        | Date:     | Sheet 2 of 2 |
|  | A         | ECO 2154 | 4/23/01 | PC | PC                |        | 4/23/01   |              |
| Information herein is<br>believed accurate.<br>Suitability not<br>guaranteed.                                |           |          |         |    | DRF:              | Date:  | Approved: | Drawing #    |
|  |           |          |         |    | -                 | 2/9/96 | PC        | MF2-54       |