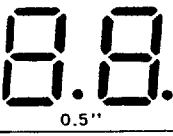

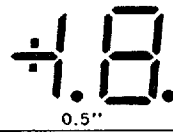




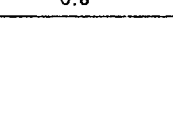
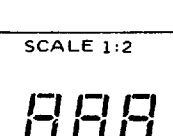
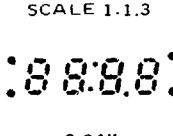
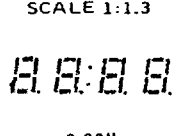
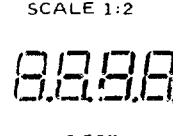
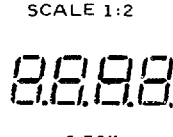




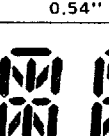


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T-41-35


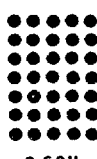
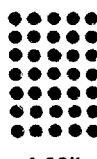
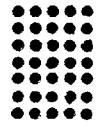
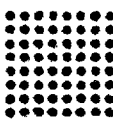
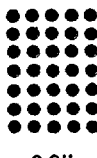
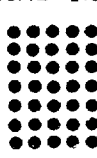
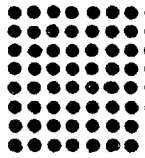
| DUAL DIGIT AND OVERFLOW  |                 |                 | LUMINOUS INTENSITY<br>INmcd@10mA | PACKAGE |
|--|-----------------|-----------------|----------------------------------|---------|
| DIGIT HEIGHT   | DEVICE NUMBER   | EMITTING COLOUR | TYP.                             |         |
| <br>0.5"                 | LA (C) 5012-11  | RED             | 0.5                              | 34      |
|  | LA (C) 5022-11  | GREEN           | 1.85                             |         |
|  | LA (C) 5032-11  | YELLOW          | 1.75                             |         |
|  | LA (C) 5042-11  | ORANGE          | 2.0                              |         |
|  | LA (C) 5052-11  | GaP RED         | 0.9                              |         |
|  | LA (C) 5042R-11 | HI-EFF. RED     | 2.0                              |         |
| <br>0.5"                 | LD (E) 5012-11  | RED             | 0.5                              | 35      |
|  | LD (E) 5022-11  | GREEN           | 1.85                             |         |
|  | LD (E) 5032-11  | YELLOW          | 1.75                             |         |
|  | LD (E) 5042-11  | ORANGE          | 2.0                              |         |
|  | LD (E) 5052-11  | GaP RED         | 0.9                              |         |
|  | LD (E) 5042R-11 | HI-EFF. RED     | 2.0                              |         |
| <br>0.5"                 | LA (C) 5012-12  | RED             | 0.5                              | 36      |
|  | LA (C) 5022-12  | GREEN           | 1.85                             |         |
|  | LA (C) 5032-12  | YELLOW          | 1.75                             |         |
|  | LA (C) 5042-12  | ORANGE          | 2.0                              |         |
|  | LA (C) 5052-12  | GaP RED         | 0.9                              |         |
|  | LA (C) 5042R-12 | HI-EFF. RED     | 2.0                              |         |
| <br>0.52"               | LA (C) 5212-11  | RED             | 0.5                              | 37      |
|  | LA (C) 5222-11  | GREEN           | 1.85                             |         |
|  | LA (C) 5232-11  | YELLOW          | 1.75                             |         |
|  | LA (C) 5242-11  | ORANGE          | 2.0                              |         |
|  | LA (C) 5252-11  | GaP RED         | 0.9                              |         |
|  | LA (C) 5242R-11 | HI-EFF. RED     | 2.0                              |         |
| <br>0.56"              | LA (C) 5612-11  | RED             | 0.5                              | 38      |
|  | LA (C) 5622-11  | GREEN           | 1.85                             |         |
|  | LA (C) 5632-11  | YELLOW          | 1.75                             |         |
|  | LA (C) 5642-11  | ORANGE          | 2.0                              |         |
|  | LA (C) 5652-11  | GaP RED         | 0.9                              |         |
|  | LA (C) 5642R-11 | HI-EFF. RED     | 2.0                              |         |
| <br>0.56"              | LA (C) 5612-12  | RED             | 0.5                              | 39      |
|  | LA (C) 5622-12  | GREEN           | 1.85                             |         |
|  | LA (C) 5632-12  | YELLOW          | 1.75                             |         |
|  | LA (C) 5642-12  | ORANGE          | 2.0                              |         |
|  | LA (C) 5652-12  | GaP RED         | 0.9                              |         |
|  | LA (C) 5642R-12 | HI-EFF. RED     | 2.0                              |         |
| SCALE 1:2<br><br>0.8"  | LA (C) 8012-11  | RED             | 0.55                             | 40      |
|  | LA (C) 8022-11  | GREEN           | 2.0                              |         |
|  | LA (C) 8032-11  | YELLOW          | 1.9                              |         |
|  | LA (C) 8042-11  | ORANGE          | 2.2                              |         |
|  | LA (C) 8052-11  | GaP RED         | 1.0                              |         |
|  | LA (C) 8042R-11 | HI-EFF. RED     | 2.2                              |         |
| 3 DIGIT DISPLAY.   |                 |                 |                                  |         |
| SCALE 1:2<br><br>0.56" | LA (C) 5613-11  | RED             | 0.45                             | 41      |
|  | LA (C) 5623-11  | GREEN           | 1.65                             |         |
|  | LA (C) 5633-11  | YELLOW          | 1.6                              |         |
|  | LA (C) 5643-11  | ORANGE          | 1.8                              |         |
|  | LA (C) 5653-11  | GaP RED         | 0.7                              |         |
|  | LA (C) 5643R-11 | HI-EFF. RED     | 1.8                              |         |
| SCALE 1:2<br><br>0.56" | LM (N) 5613-11  | RED             | 0.45                             | 42      |
|  | LM (N) 5623-11  | GREEN           | 1.65                             |         |
|  | LM (N) 5633-11  | YELLOW          | 1.6                              |         |
|  | LM (N) 5643-11  | ORANGE          | 1.8                              |         |
|  | LM (N) 5653-11  | GaP RED         | 0.7                              |         |
|  | LM (N) 5643R-11 | HI-EFF. RED     | 1.8                              |         |

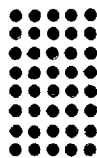
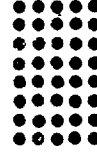
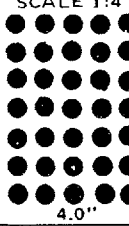

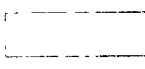

| 4 DIGIT DISPLAY   |                |                 | LUMINOUS INTENSITY<br>INmcd@10mA | PACKAGE |
|---|----------------|-----------------|----------------------------------|---------|
| DIGIT HEIGHT  | DEVICE NUMBER  | EMITTING COLOUR | TYP.                             |         |
| SCALE 1:1.3<br><br>0.24" | LC2414-11      | RED             | 0.4                              | 43      |
|   | LC2424-11      | GREEN           | 1.5                              |         |
|   | LC2434-11      | YELLOW          | 1.4                              |         |
|   | LC2444-11      | ORANGE          | 1.6                              |         |
|   | LC2454-11      | GaP RED         | 0.7                              |         |
|   | LC2444R-11     | HI-EFF. RED     | 1.6                              |         |
| SCALE 1:1.3<br><br>0.28" | LM2814-11      | RED             | 0.45                             | 44      |
|   | LM2824-11      | GREEN           | 1.65                             |         |
|   | LM2834-11      | YELLOW          | 1.6                              |         |
|   | LM2844-11      | ORANGE          | 1.8                              |         |
|   | LM2854-11      | GaP RED         | 0.7                              |         |
|   | LM2844R-11     | HI-EFF. RED     | 1.8                              |         |
| SCALE 1:2<br><br>0.56"   | LA(C)5614-11   | RED             | 0.45                             | 45      |
|   | LA(C)5624-11   | GREEN           | 1.65                             |         |
|   | LA(C)5634-11   | YELLOW          | 1.6                              |         |
|   | LA(C)5644-11   | ORANGE          | 1.8                              |         |
|   | LA(C)5654-11   | GaP RED         | 0.7                              |         |
|   | LA(C)5644R-11  | HI-EFF. RED     | 1.8                              |         |
| SCALE 1:2<br><br>0.56"  | LM(N)5614-11   | RED             | 0.45                             | 46      |
|   | LM(N)5624-11   | GREEN           | 1.65                             |         |
|   | LM(N)5634-11   | YELLOW          | 1.6                              |         |
|   | LM(N)5644-11   | ORANGE          | 1.8                              |         |
|   | LM(N)5654-11   | GaP RED         | 0.7                              |         |
|   | LM(N)5644R-11  | HI-EFF. RED     | 1.8                              |         |
| SINGLE AND DUAL ALPHANUMERIC DISPLAY  |                |                 |                                  |         |
| <br>0.39"              | LA(C)3911-11B  | RED             | 0.48                             | 47      |
|   | LA(C)3921-11B  | GREEN           | 1.8                              |         |
|   | LA(C)3931-11B  | YELLOW          | 1.7                              |         |
|   | LA(C)3941-11B  | ORANGE          | 1.95                             |         |
|   | LA(C)3951-11B  | GaP RED         | 0.8                              |         |
|   | LA(C)3941R-11B | HI-EFF. RED     | 1.95                             |         |
| SCALE 1:2<br><br>0.8"  | LA(C)8011-11B  | RED             | 0.55                             | 48      |
|   | LA(C)8021-11B  | GREEN           | 2.0                              |         |
|   | LA(C)8031-11B  | YELLOW          | 1.9                              |         |
|   | LA(C)8041-11B  | ORANGE          | 2.2                              |         |
|   | LA(C)8051-11B  | GaP RED         | 1.0                              |         |
|   | LA(C)8041R-11B | HI-EFF. RED     | 2.2                              |         |
| SCALE 1:4<br><br>2.3"  | LA(C)2311-42B  | RED             | —                                | 49      |
|   | LA(C)2321-42B  | GREEN           | 2.7                              |         |
|   | LA(C)2331-42B  | YELLOW          | —                                |         |
|   | LA(C)2341-42B  | ORANGE          | 3.0                              |         |
|   | LA(C) 2351-42B | GaP RED         | 2.0                              |         |
|   | LA(C)2341R-42B | HI-EFF. RED     | 3.0                              |         |
| <br>0.54"              | LA(C)5412-11   | RED             | 0.4                              | 50      |
|   | LA(C)5422-11   | GREEN           | 1.5                              |         |
|   | LA(C)5432-11   | YELLOW          | 1.4                              |         |
|   | LA(C)5442-11   | ORANGE          | 1.6                              |         |
|   | LA(C)5452-11   | GaP RED         | 0.7                              |         |
|   | LA(C)5442R-11  | HI-EFF. RED     | 1.6                              |         |
| <br>0.54"              | LA(C)5412-21   | RED             | 0.4                              | 51      |
|   | LA(C)5422-21   | GREEN           | 1.5                              |         |
|   | LA(C)5432-21   | YELLOW          | 1.4                              |         |
|   | LA(C)5442-21   | ORANGE          | 1.6                              |         |
|   | LA(C)5452-21   | GaP RED         | 0.7                              |         |
|   | LA(C)5442R-21  | HI-EFF. RED     | 1.6                              |         |



UNDERSTANDING THE SUBJECT IS CUSTOMER SERVICE

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| DOT MATRIX DISPLAY  |   |                 | LUMINOUS INTENSITY<br>INmcd@10mA | PACKAGE |
|---|---|-----------------|----------------------------------|---------|
| DIGIT HEIGHT  | DEVICE NUMBER   | EMITTING COLOUR | TYP.                             |         |
| <br>0.3"                 | LJ3511-1(2)1  | RED             | 0.35                             | 52      |
|   | LJ3521-1(2)1  | GREEN           | 1.3                              |         |
|   | LJ3531-1(2)1  | YELLOW          | —                                |         |
|   | LJ3541-1(2)1  | ORANGE          | 1.4                              |         |
|   | LJ3551-1(2)1  | GaP RED         | 0.6                              |         |
|   | LJ3541R-1(2)1   | HI-EFF. RED     | 1.4                              |         |
| <br>0.68"                | LJ7011-1(2)1  | RED             | 0.5                              | 53      |
|   | LJ7021-1(2)1  | GREEN           | 1.85                             |         |
|   | LJ7031-1(2)1  | YELLOW          | —                                |         |
|   | LJ7041-1(2)1  | ORANGE          | 2.0                              |         |
|   | LJ7051-1(2)1  | GaP RED         | 0.9                              |         |
|   | LJ7041R-1(2)1   | HI-EFF. RED     | 2.0                              |         |
| <br>0.68"               | LJ7011-1(2)2  | RED             | 0.5                              | 54      |
|   | LJ7021-1(2)2  | GREEN           | 1.85                             |         |
|   | LJ7031-1(2)2  | YELLOW          | —                                |         |
|   | LJ7041-1(2)2  | ORANGE          | 2.0                              |         |
|   | LJ7051-1(2)2  | GaP RED         | 0.9                              |         |
|   | LJ7041R-1(2)2   | HI-EFF. RED     | 2.0                              |         |
| SCALE 1:2<br><br>1.16" | LJ5711-1(2)1  | RED             | 0.5                              | 55      |
|   | LJ5721-1(2)1  | GREEN           | 1.85                             |         |
|   | LJ5731-1(2)1  | YELLOW          | —                                |         |
|   | LJ5741-1(2)1  | ORANGE          | 2.0                              |         |
|   | LJ5751-1(2)1  | GaP RED         | 0.9                              |         |
|   | LJ5741R-1(2)1   | HI-EFF. RED     | 2.0                              |         |
| SCALE 1:2<br><br>1.2"   | LJ1211-1(2)1  | RED             | 0.5                              | 56      |
|   | LJ1221-1(2)1  | GREEN           | 1.85                             |         |
|   | LJ1231-1(2)1  | YELLOW          | —                                |         |
|   | LJ1241-1(2)1  | ORANGE          | 2.0                              |         |
|   | LJ1251-1(2)1  | GaP RED         | 0.9                              |         |
|   | LJ1241R-1(2)1   | HI-EFF. RED     | 2.0                              |         |
| SCALE 1:3<br><br>2.0"  | LJ2011-1(2)1  | RED             | —                                | 57      |
|   | LJ2021-1(2)1  | GREEN           | 2.0                              |         |
|   | LJ2031-1(2)1  | YELLOW          | —                                |         |
|   | LJ2041-1(2)1  | ORANGE          | 2.2                              |         |
|   | LJ2051-1(2)1  | GaP RED         | 1.0                              |         |
|   | LJ2041R-1(2)1   | HI-EFF. RED     | 2.2                              |         |
| SCALE 1:3<br><br>2.0"  | LJ2062-42   | ORANGE          | 2.2                              | 58      |
|   |   | GREEN           | 2.0                              |         |
|   | LJ2062-52   | GaP RED         | 1.0                              |         |
|   |   | GREEN           | 2.0                              |         |
|   | NOTE: LJ2062-x2 SERIES ARE BI-COLOR DOT MATRIX DISPLAY. |                 |                                  |         |
| SCALE 1:3<br><br>2.3"   | LJ2311-1(2)1  | RED             | —                                | 59      |
|   | LJ2321-1(2)1  | GREEN           | 2.0                              |         |
|   | LJ2331-1(2)1  | YELLOW          | —                                |         |
|   | LJ2341-1(2)1  | ORANGE          | 2.2                              |         |
|   | LJ2351-1(2)1  | GaP RED         | 1.0                              |         |
|   | LJ2341R-1(2)1   | HI-EFF. RED     | 2.2                              |         |

| DOT MATRIX DISPLAY  |  |                 | LUMINOUS INTENSITY<br>INmcd@10mA | PACKAGE |
|---|--|-----------------|----------------------------------|---------|
| DIGIT HEIGHT  | DEVICE NUMBER  | EMITTING COLOUR | TYP.                             |         |
| SCALE 1:3<br><br>2.4"  | LJ2411-1(2)1   | RED             | —                                | 60      |
|   | LJ2421-1(2)1   | GREEN           | 2.0                              |         |
|   | LJ2431-1(2)1   | YELLOW          | —                                |         |
|   | LJ2441-1(2)1   | ORANGE          | 2.2                              |         |
|   | LJ2451-1(2)1   | GaP RED         | 1.0                              |         |
|   | LJ2441R-1(2)1  | HI-EFF. RED     | 2.2                              |         |
|   | SCALE 1:3<br><br>2.4" | LJ2411-1(2)3    | RED                              |         |
| LJ2421-1(2)3  |  | GREEN           | 2.0                              |         |
| LJ2431-1(2)3  |  | YELLOW          | —                                |         |
| LJ2441-1(2)3  |  | ORANGE          | 2.2                              |         |
| LJ2451-1(2)3  |  | GaP RED         | 1.0                              |         |
| LJ2441R-1(2)3   |  | HI-EFF. RED     | 2.2                              |         |
| SCALE 1:4<br><br>4.0" | LJ4011-1(2)2   | RED             | —                                | 62      |
|   | LJ4021-1(2)2   | GREEN           | 3.8                              |         |
|   | LJ4031-1(2)2   | YELLOW          | —                                |         |
|   | LJ4041-1(2)2   | ORANGE          | 4.0                              |         |
|   | LJ4051-1(2)2   | GaP RED         | 2.0                              |         |
|   | LJ4041R-1(2)2  | HI-EFF. RED     | 4.0                              |         |
| LIGHT BAR AND 10 BAR GRAPH ARRAY  |  |                 |                                  |         |
|                      | LB5011   | RED             | 0.8                              | 63      |
|   | LB5021   | GREEN           | 3.0                              |         |
|   | LB5031   | YELLOW          | 2.8                              |         |
|   | LB5041   | ORANGE          | 3.2                              |         |
|   | LB5051   | GaP RED         | 1.4                              |         |
|   | LB5041R  | HI-EFF. RED     | 3.2                              |         |
|                      | LB7511   | RED             | 1.2                              | 64      |
|   | LB7521   | GREEN           | 4.2                              |         |
|   | LB7531   | YELLOW          | 3.9                              |         |
|   | LB7541   | ORANGE          | 4.5                              |         |
|   | LB7551   | GaP RED         | 2.0                              |         |
|   | LB7541R  | HI-EFF. RED     | 4.5                              |         |
|                      | LL10000-R  | GaAsP RED       | 0.5                              | 65      |
|   | LL10000-P  | GaP RED         | 0.9                              |         |
|   | LL10000-G  | GREEN           | 1.85                             |         |
|   | LL10000-Y  | YELLOW          | 1.75                             |         |
|   | LL10000-O  | ORANGE          | 2.0                              |         |
|   | LL10000-HR   | HI-EFF. RED     | 2.0                              |         |