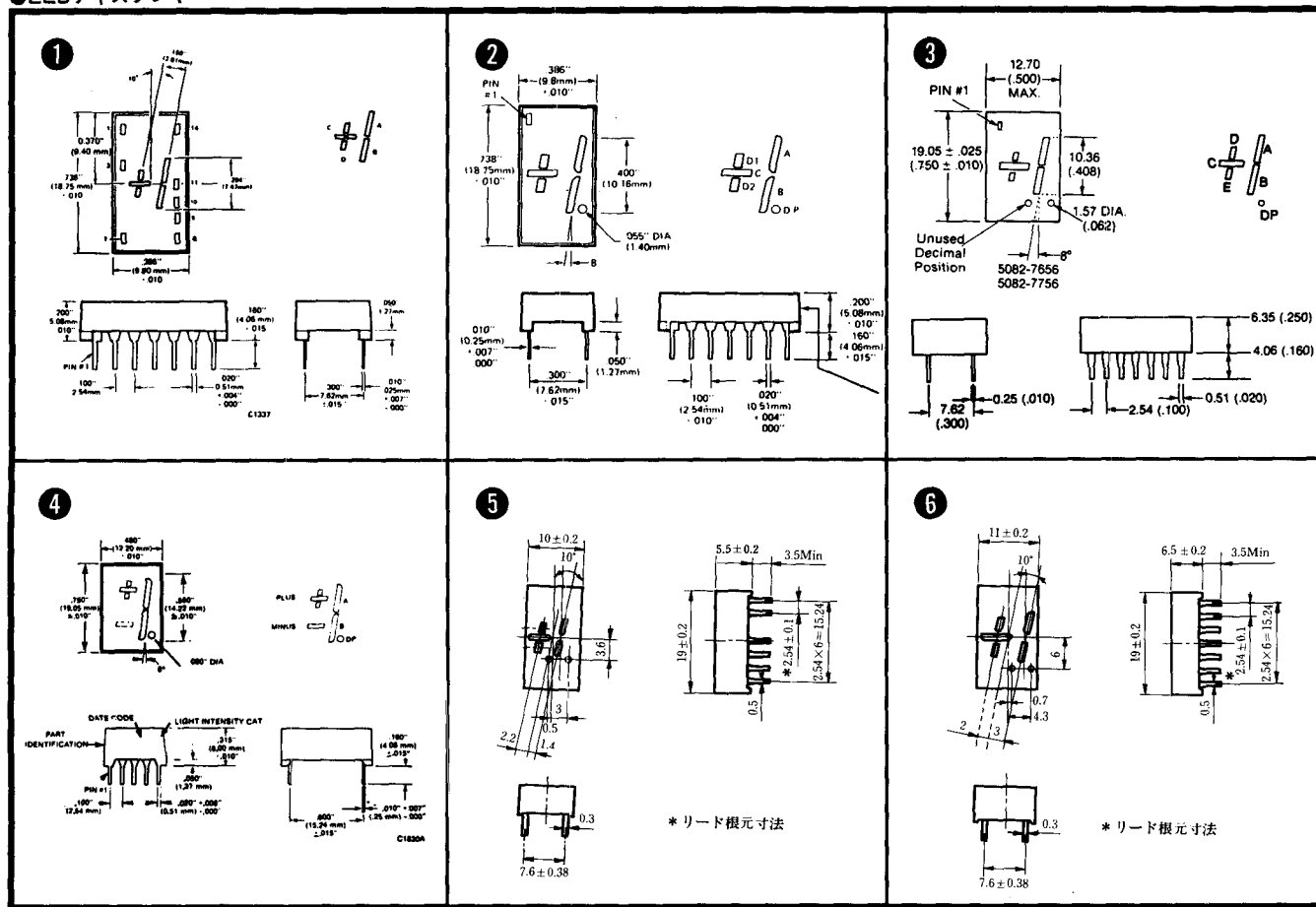


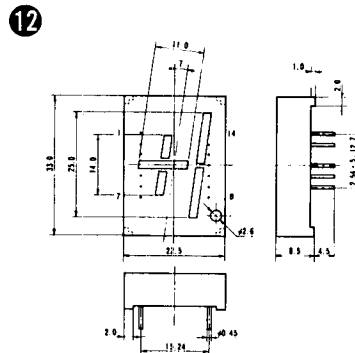
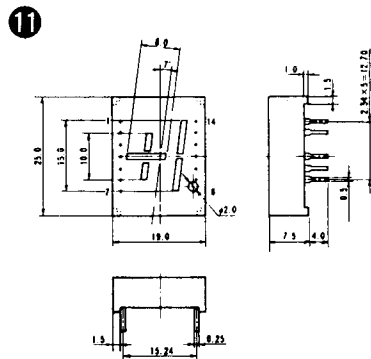
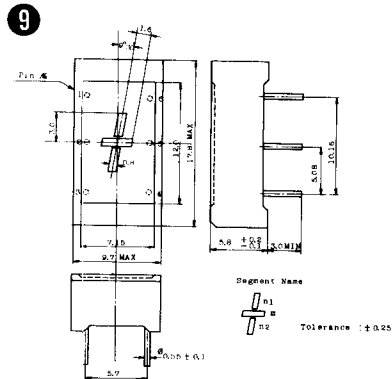
| 発<br>光<br>色 | 型 名                    |             | 社 名   | 文字高さ<br>(mm) | ピン<br>配置 | チップ<br>材 料 | 電 気・光 学 的 特 性 (T <sub>a</sub> =25℃) |                         |                        |                       |                        |                        |                       |                        |                       |     | 最 大 定 格 (T <sub>a</sub> =25℃) |        |         |      | 外形  | Dp<br>の<br>位置 | セグメント<br>表示面色 | 備 考 |
|-------------|------------------------|-------------|-------|--------------|----------|------------|-------------------------------------|-------------------------|------------------------|-----------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----|-------------------------------|--------|---------|------|-----|---------------|---------------|-----|
|             |                        |             |       |              |          |            | 標準波長特性                              |                         |                        | 標準光度                  |                        | 標準順電圧                  |                       | 最大逆電流                  |                       |     | 順電流                           | 逆電圧    | 動作温度    | 保存温度 |     |               |               |     |
|             | λ <sub>p</sub><br>(nm) | Δλ<br>(nm)  |       |              |          |            | I <sub>F</sub><br>(mA)              | I <sub>V</sub><br>(mcd) | I <sub>F</sub><br>(mA) | V <sub>F</sub><br>(V) | I <sub>F</sub><br>(mA) | I <sub>R</sub><br>(μA) | V <sub>R</sub><br>(V) | I <sub>F</sub><br>(mA) | V <sub>R</sub><br>(V) | (℃) | (℃)                           |        |         |      |     |               |               |     |
| 赤           | LN513RA                | LN513RK     | 松 下   | 0.3          | N7       | GaP        | 700                                 | 100                     | 20                     | 0.4                   | 5                      | 2.2                    | 20                    | 10                     | 5                     | 20  | 5                             | -25~80 | -30~85  | 47   | R   | R-B           |               |     |
|             | LN514RA                | LN514RK     |       | 0.4          | N7       | GaP        | 700                                 | 100                     | 20                     | 0.45                  | 5                      | 2.2                    | 20                    | 10                     | 5                     | 20  | 5                             | -25~80 | -30~85  | 48   | R   | R-B           |               |     |
|             | LN516RA                | LN516RK     |       | 0.6          | N4       | GaP        | 700                                 | 100                     | 20                     | 0.6                   | 5                      | 2.2                    | 20                    | 10                     | 5                     | 20  | 5                             | -25~80 | -30~85  | 49   | R   | R-B           |               |     |
|             | LN518RA                | LN518RK     |       | 0.8          | N18      | GaP        | 700                                 | 100                     | 20                     | 0.45                  | 5                      | 2.2                    | 20                    | 10                     | 5                     | 20  | 5                             | -25~80 | -30~85  | 50   | R/L | R-B           |               |     |
|             | LN5100AMW              | LN5100KMW   |       | 1            | N14      | GaAlAs     | 630                                 | 40                      | 20                     | 3                     | 10                     | 4.2                    | 20                    | 10                     | 6                     | 20  | 3                             | -25~80 | -30~85  | 51   | R   | W-B           | 暫定            |     |
|             | LN5110ALAMW            | LN5110ALKMW |       | 1            | N14      | GaAlAs     | 660                                 | 20                      | 20                     | 10                    | 10                     | 3.6                    | 20                    | 100                    | 6                     | 20  | 6                             | -25~80 | -30~85  | 51   | R   | W-B           | 暫定            |     |
|             | LN5130AS               | LN5130KS    |       | 0.3          |          | GaAsP      | 630                                 | 40                      | 20                     | 1                     | 10                     | 2.1                    | 20                    | 10                     | 3                     | 20  | 3                             | -25~80 | -30~100 | 46   | R   | O-B           |               |     |
|             | LN5130A                | LN5130K     |       | 0.3          | N7       | GaAsP      | 630                                 | 40                      | 20                     | 1                     | 10                     | 2.1                    | 20                    | 10                     | 3                     | 20  | 3                             | -25~80 | -30~100 | 47   | R   | O-B           |               |     |
|             | LN5140A                | LN5140K     |       | 0.4          | N7       | GaAsP      | 630                                 | 40                      | 20                     | 1.2                   | 10                     | 2.1                    | 20                    | 10                     | 3                     | 20  | 3                             | -25~80 | -30~100 | 48   | R   | O-B           |               |     |
|             | LN5160A                | LN5160K     |       | 0.6          | N4       | GaAsP      | 630                                 | 40                      | 20                     | 1.2                   | 10                     | 2.1                    | 20                    | 10                     | 3                     | 20  | 3                             | -25~80 | -30~100 | 49   | R   | O-B           |               |     |
|             | LN5180A                | LN5180K     |       | 0.8          | N18      | GaAsP      | 630                                 | 40                      | 20                     | 1.2                   | 10                     | 2.1                    | 20                    | 10                     | 3                     | 20  | 3                             | -25~80 | -30~100 | 50   | L/R |               |               |     |
|             | LA-301VB               | LA-301VL    | ロ ー ム | 0.315        | N2       | GaAsP      | 650                                 | 40                      | 10                     | 0.46                  | 10                     | 2.0                    | 10                    | 100                    | 3                     | 15  | 3                             | -25~75 | -30~85  | 53   | R   | R-B           |               |     |
|             | LA-401VF               | LA-401VP    |       | 0.394        | N4       | GaAsP      | 650                                 | 40                      | 10                     | 0.46                  | 10                     | 2.0                    | 10                    | 100                    | 3                     | 15  | 3                             | -25~75 | -30~85  | 55   | R   | R-B           |               |     |
|             | LA-501VF               | LA-501VP    |       | 0.492        | N4       | GaAsP      | 650                                 | 40                      | 10                     | 0.46                  | 10                     | 2.0                    | 10                    | 100                    | 3                     | 15  | 3                             | -25~75 | -30~85  | 57   | R   | R-B           |               |     |
|             | LA-601VF               | LA-601VP    |       | 0.591        | N4       | GaAsP      | 650                                 | 40                      | 10                     | 0.46                  | 10                     | 2.0                    | 10                    | 100                    | 3                     | 15  | 3                             | -30~85 | -30~100 | 59   | R   | R-B           |               |     |
|             | LA-801VF               | LA-801VP    |       | 0.787        | N4       | GaAsP      | 650                                 | 40                      | 10                     | 0.9                   | 10                     | 2.0                    | 10                    | 100                    | 3                     | 15  | 3                             | -25~75 | -30~85  | 60   | R   | R-B           |               |     |
|             | LA-401VD               | LA-401VN    |       | 0.4          | N1       | GaAsP      | 650                                 | 40                      | 10                     | 1.4                   | 10                     | 2                      | 10                    | 100                    | 3                     | 15  | 3                             | -25~75 | -30~85  | 229  | R   | -B            |               |     |
|             | LA-501VD               | LA-501VN    |       | 0.352        | N4       | GaAsP      | 650                                 | 40                      | 10                     | 1.4                   | 10                     | 2                      | 10                    | 100                    | 5                     | 20  | 5                             | -25~75 | -30~85  | 230  | R   | -B            |               |     |
|             | LA-6760                | LA-6780     |       | 0.56         | N4       | GaAsP      | 650                                 | —                       | 10                     | 2                     | 10                     | 2                      | 10                    | 100                    | 5                     | 20  | 5                             | -25~85 | -30~100 | 245  | R   | Gy-Gy         |               |     |
|             | LA-101VF               | LA-101VP    |       | 1            | N4       | GaAsP      | 650                                 | 40                      | 10                     | 2.4                   | 10                     | 4                      | 10                    | 100                    | 3                     | 15  | 3                             | -20~75 | -30~85  | 61   | R   | R-B           |               |     |
|             | LA-601VB               | LA-601VL    |       | 0.57         |          |            | 650                                 | 40                      | 10                     | 10                    | 10                     | 2                      | 10                    |                        |                       | 20  | 5                             | -25~75 | -30~85  | 8    | R   | R-B           |               |     |
|             | LA-601LB               | LA-601LL    |       | 0.57         |          |            | 660                                 | 25                      | 20                     | 63                    | 20                     | 1.75                   | 20                    |                        |                       | 30  | 4                             | -25~75 | -30~85  | 8    | R   | R-B           |               |     |
|             | LA-221LR               | —           |       | 2            |          |            | 660                                 | 25                      | 20                     | 6.3                   | 20                     | 1.75                   | 20                    |                        |                       | 50  | 4                             | -25~75 | -30~85  | 270  | R   | R-B           |               |     |
| SL-1189     | SL-1180                | 三 洋         | 0.3   | N7           | GaP      | 700        |                                     |                         | 0.35                   | 5                     | 1.9                    | 5                      | 10                    | 3                      | 20                    | 3   | -25~70                        |        | 65      | R    |     |               |               |     |
| SL-1149     | SL-1140                |             | 0.3   | N2           | GaP      | 700        | 100                                 | 5                       | 0.3                    | 5                     | 1.9                    | 5                      | 10                    | 3                      | 15                    | 3   | -25~70                        | -30~80 | 66      | R    |     |               |               |     |
| SL-1179     | SL-1170                |             | 0.4   | N7           | GaP      | 700        |                                     |                         | 0.35                   | 5                     | 1.9                    | 5                      | 10                    | 3                      | 20                    | 3   | -25~70                        |        | 67      | R    |     |               |               |     |
| SL-1109     | SL-1100                |             | 0.5   | N4           | GaP      | 700        |                                     |                         | 0.3                    | 5                     | 1.9                    | 5                      | 10                    | 3                      | 20                    | 3   | -25~70                        |        | 68      | R    |     |               |               |     |
| SL-1119     | SL-1110                |             | 0.53  | N4           | GaP      | 700        |                                     |                         | 0.6                    | 5                     | 1.9                    | 5                      | 10                    | 3                      | 20                    | 3   | -25~70                        |        | 69      | R    |     |               |               |     |
| SL-1199     | SL-1190                |             | 0.56  | N4           | GaP      | 700        |                                     |                         | 0.3                    | 5                     | 1.9                    | 5                      | 10                    | 3                      | 20                    | 3   | -25~70                        |        | 70      | R    |     |               |               |     |



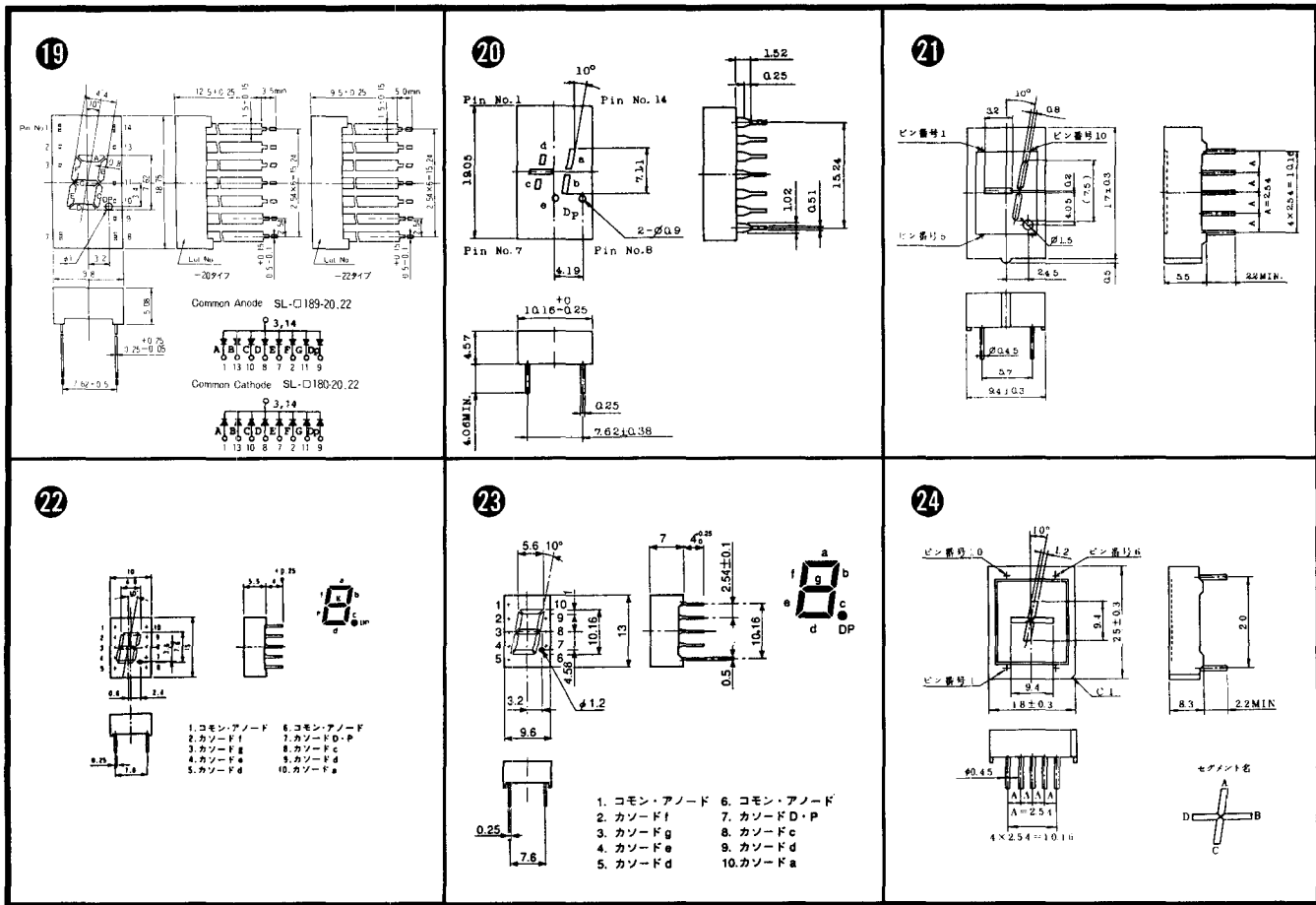
●LEDディスプレイ



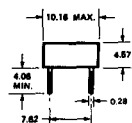
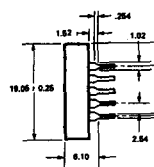
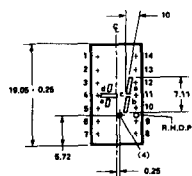
《寸法図単位: mm》



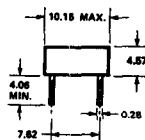
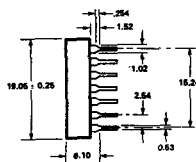
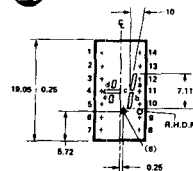




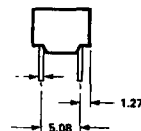
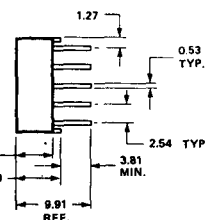
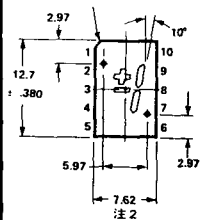
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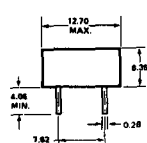
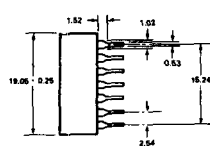
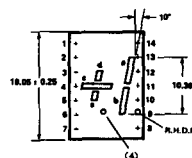
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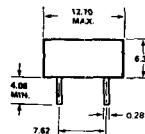
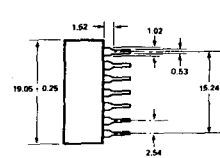
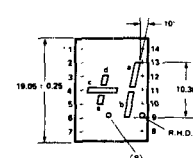
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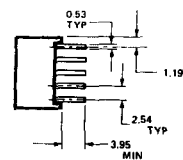
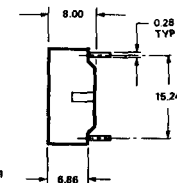
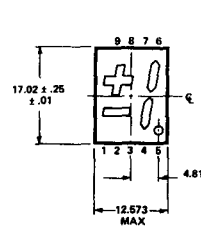
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29



30



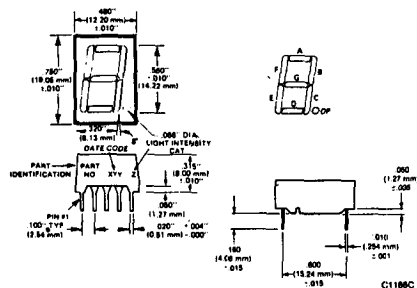
《寸法図単位：mm》



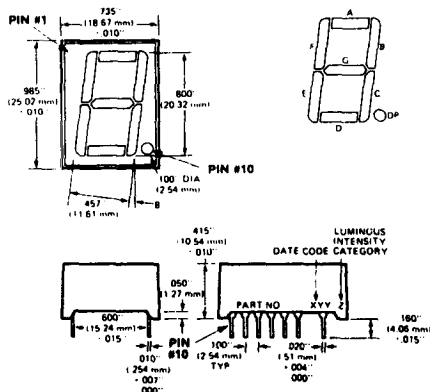




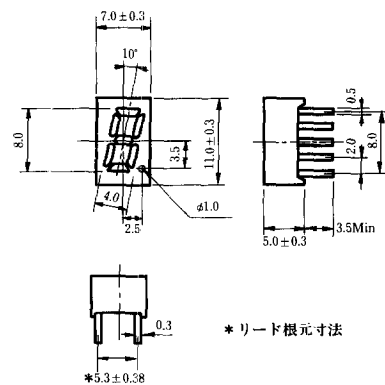
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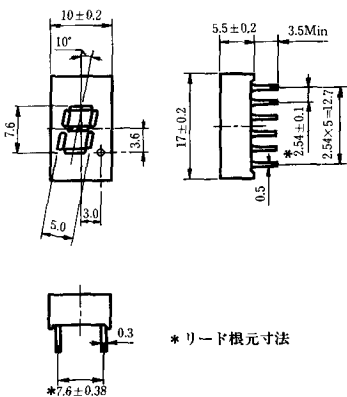
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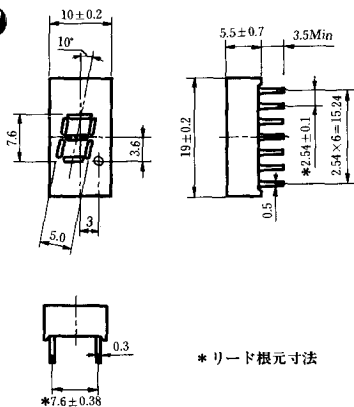
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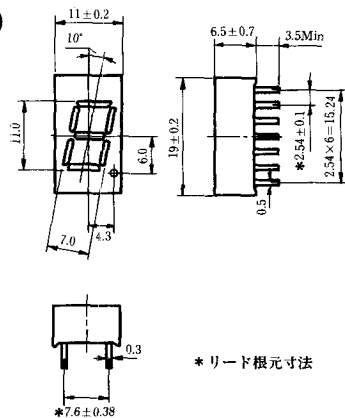
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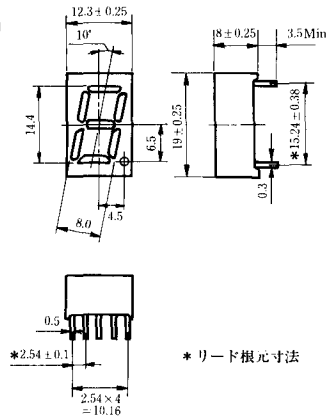
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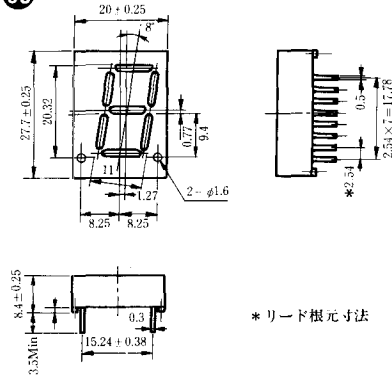
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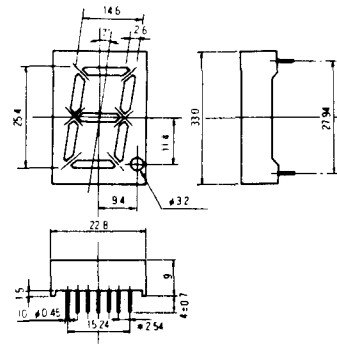
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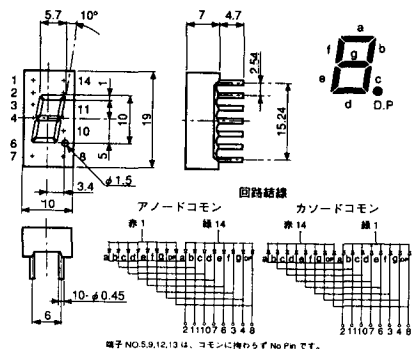
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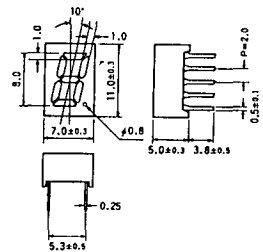
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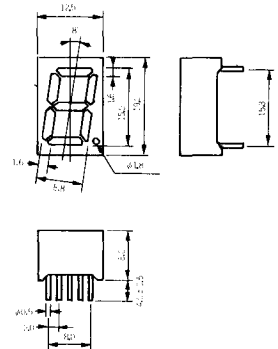
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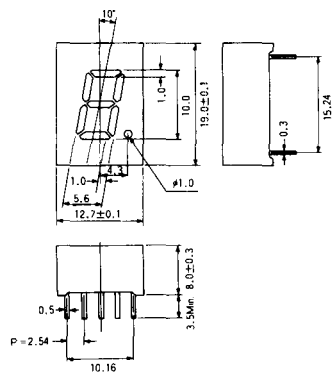
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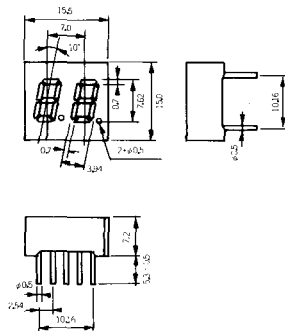
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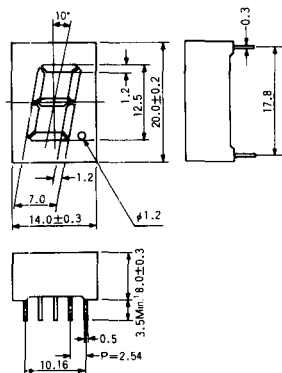
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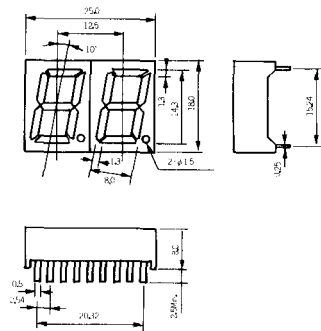
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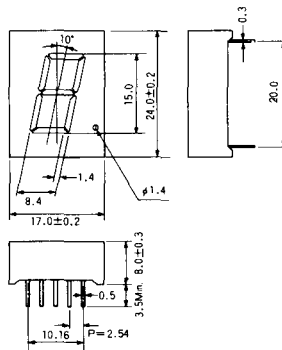
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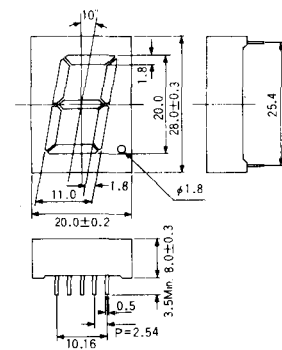
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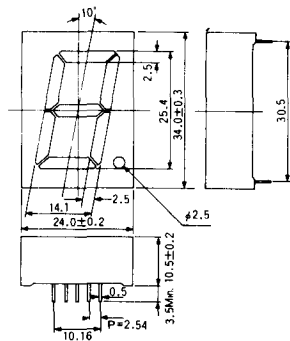
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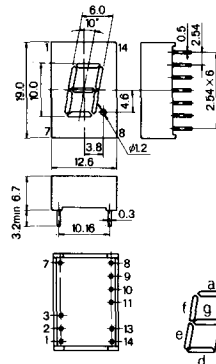
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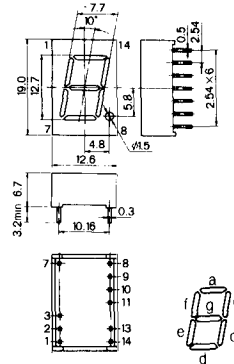
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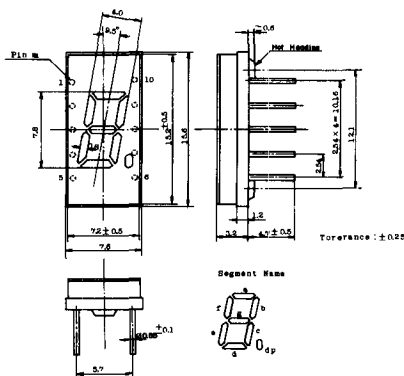
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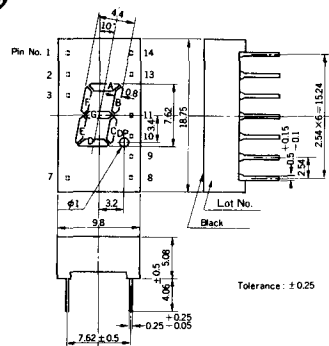
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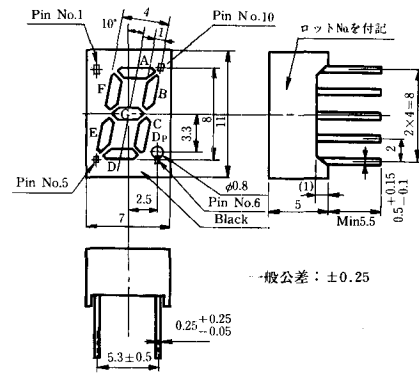
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66









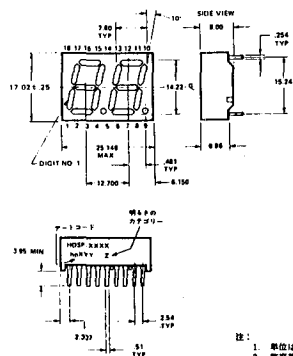






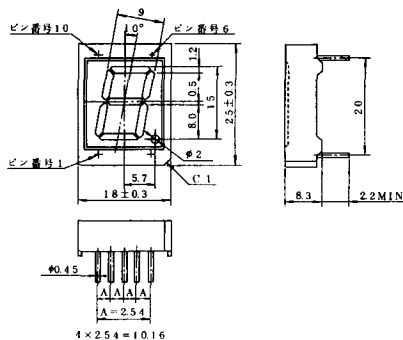


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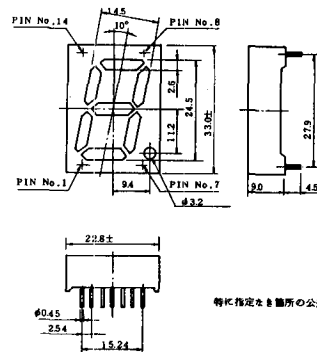


- 注:  
1. 単位は mm  
2. 許容差のないものは省略

104

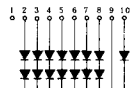
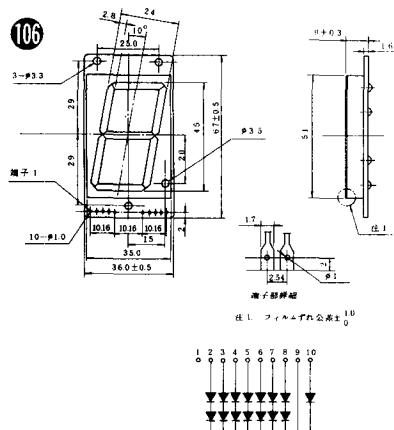


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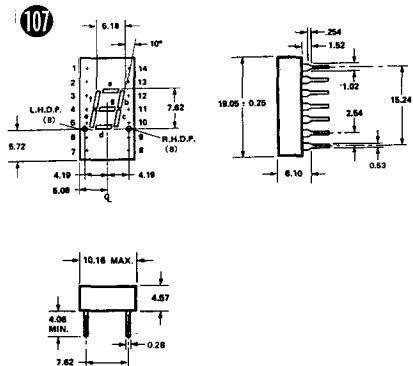


特に指定なき箇所の公差は±0.25とする。

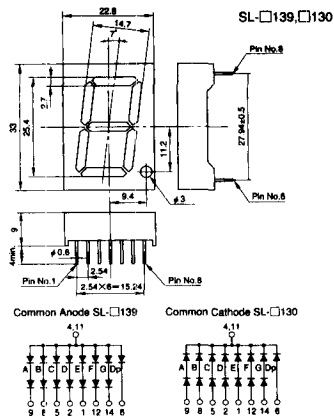
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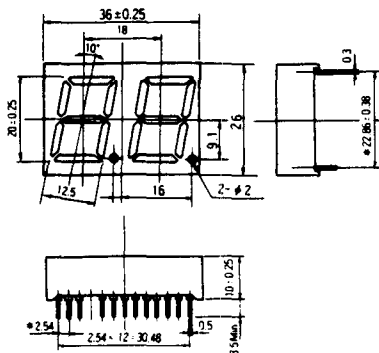




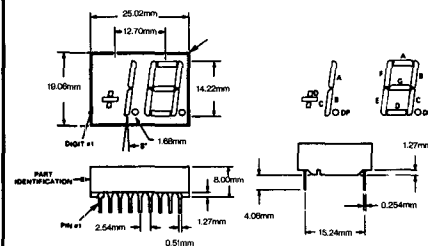




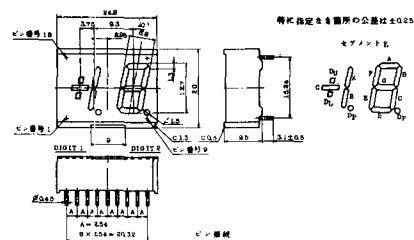
127



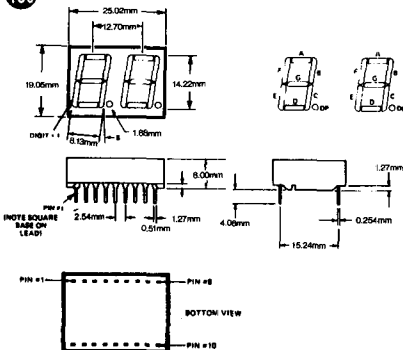
128



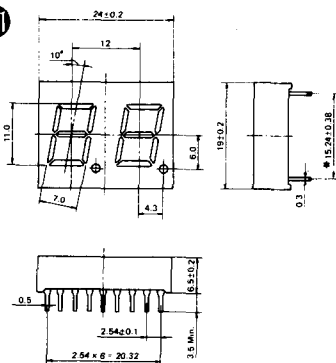
129



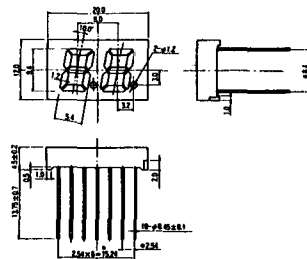
130



131

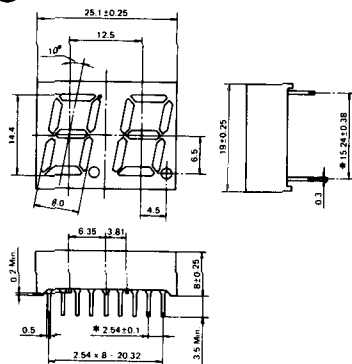


132

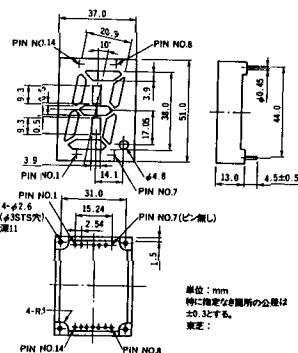


●リード線元寸法  
Lead wire dimension

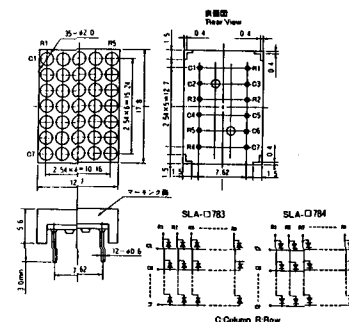
133



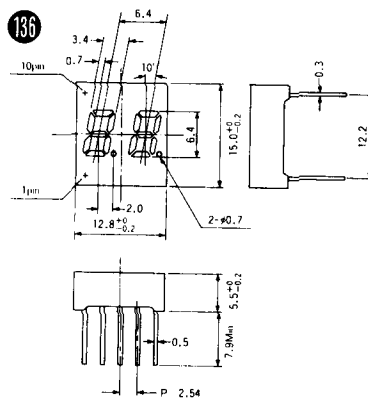
134



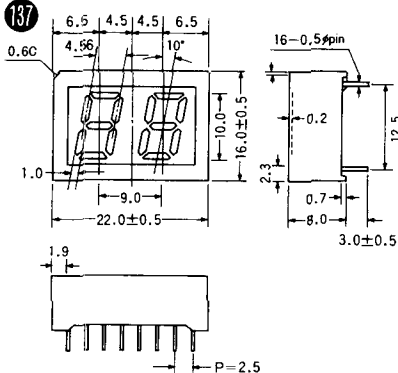
135



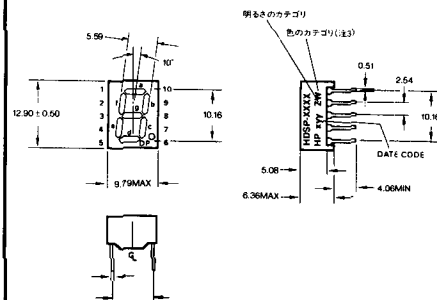
136



137



138

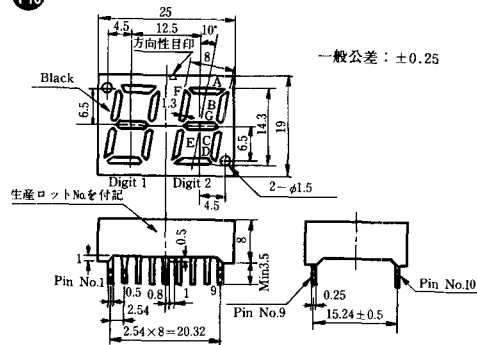




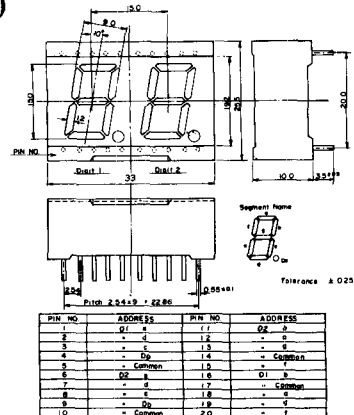
《寸法図単位：mm》



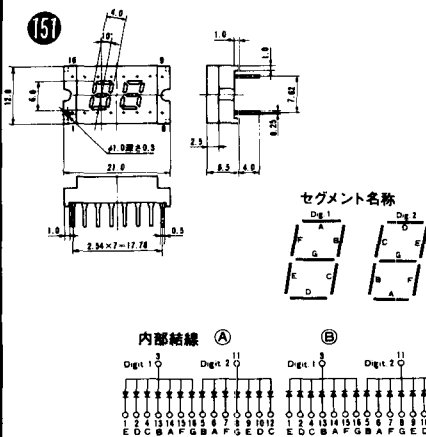
149



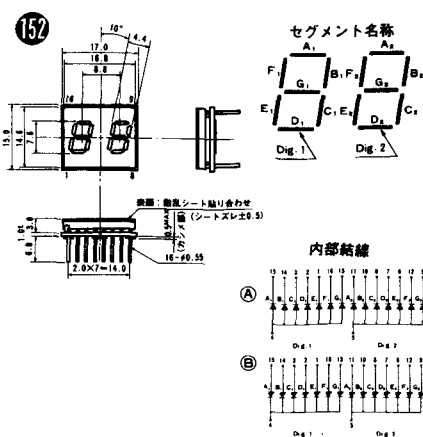
150



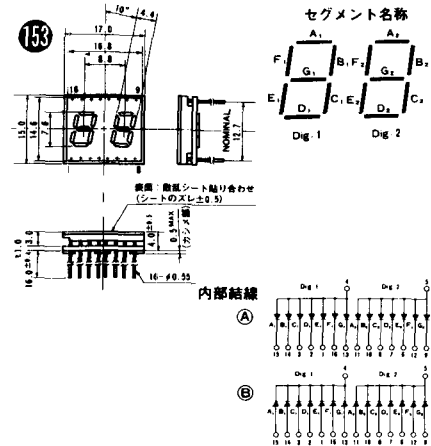
151



152



153



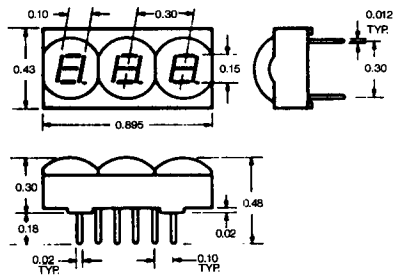






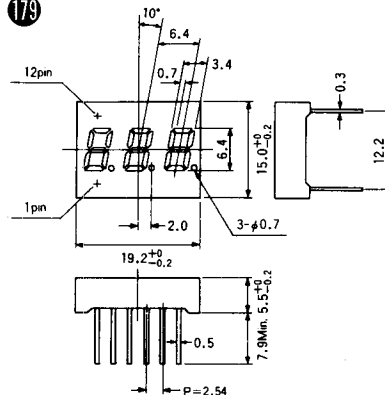


178

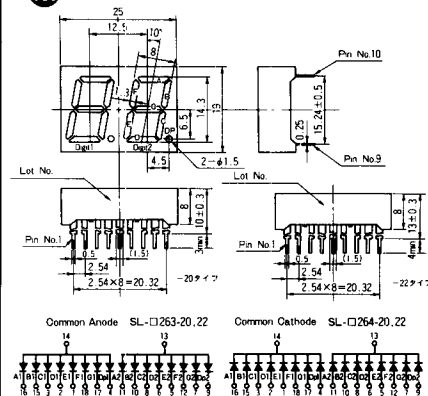


(単位: インチ)

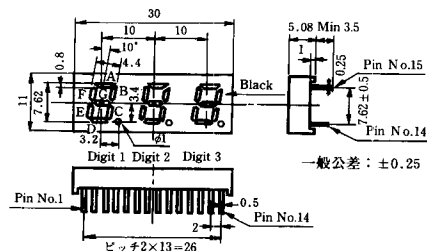
179



180

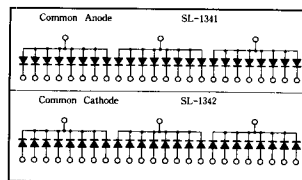


181



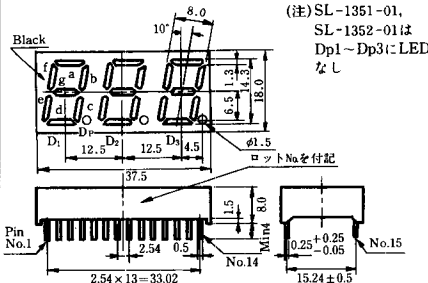
一般公差: ±0.25

| Pin No. | Address | Pin No. | Address        |
|---------|---------|---------|----------------|
| 1       | F1      | 15      | E3             |
| 2       | D1      | 16      | Digit 3 Common |
| 3       | C1      | 17      | A3             |
| 4       | Dp1     | 18      | F3             |
| 5       | C2      | 19      | No Pin         |
| 6       | B2      | 20      | B2             |
| 7       | D2      | 21      | Digit2 Common  |
| 8       | C2      | 22      | A2             |
| 9       | Dp2     | 23      | F2             |
| 10      | G3      | 24      | B1             |
| 11      | E3      | 25      | Digit1 Common  |
| 12      | D3      | 26      | A1             |
| 13      | C3      | 27      | F1             |
| 14      | Dp3     | 28      | G1             |



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(次ページにつづく)

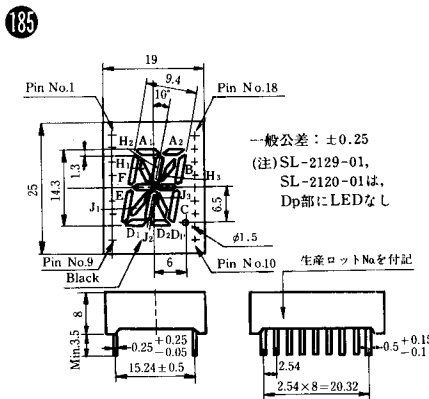
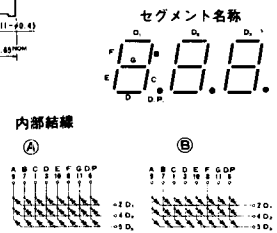
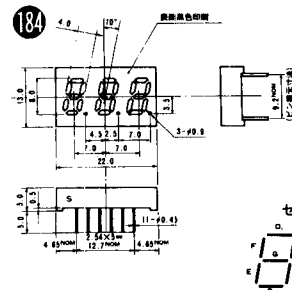
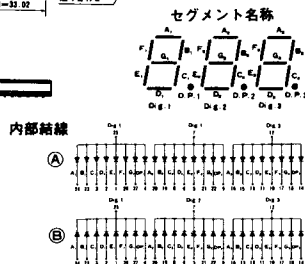
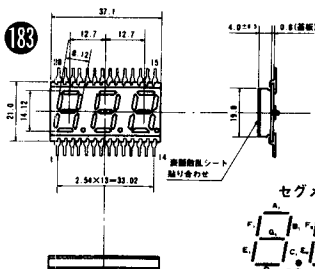
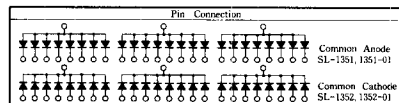


一般公差: ±0.25  
(注) SL-1351-01,  
SL-1352-01は  
Dp1~Dp3にLED  
なし

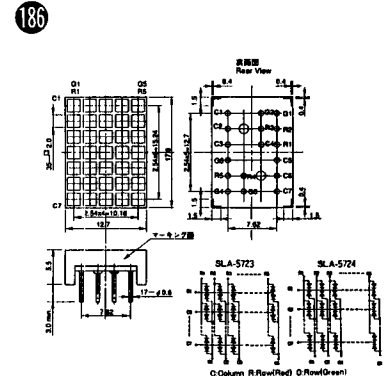
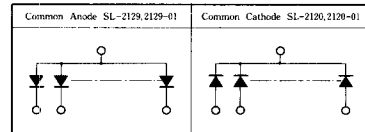
《寸法図単位: mm》



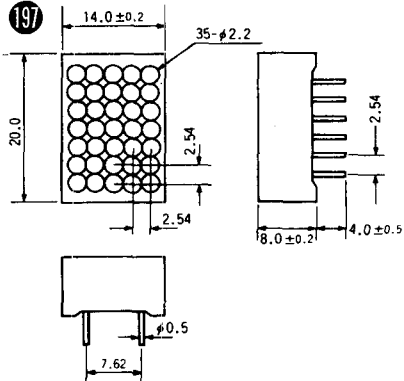
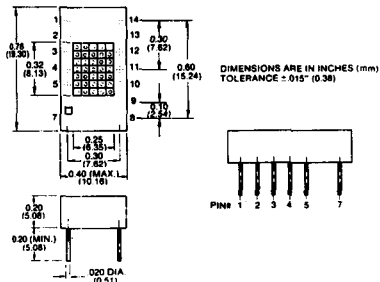
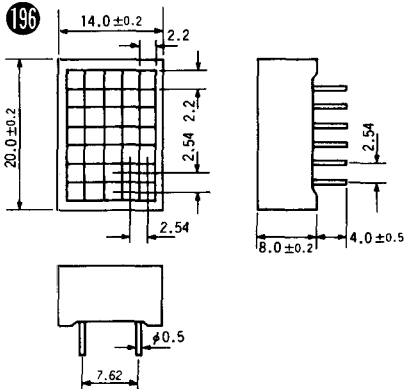
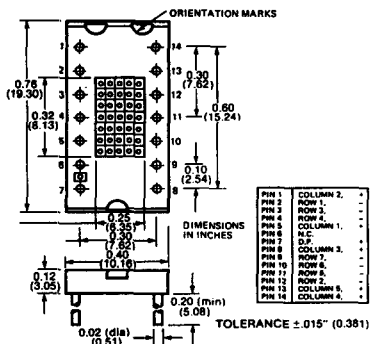
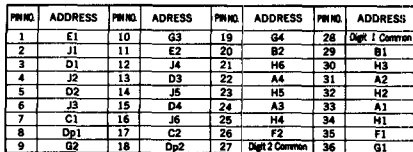
| Pin No. | Address   | Pin No. | Address   |
|---------|-----------|---------|-----------|
| 1       | e1        | 15      | b3        |
| 2       | d1        | 16      | a3        |
| 3       | D1 Common | 17      | f3        |
| 4       | c1        | 18      | D3 Common |
| 5       | Dp1       | 19      | D2 Common |
| 6       | e2        | 20      | b2        |
| 7       | d2        | 21      | a2        |
| 8       | c2        | 22      | g2        |
| 9       | Dp2       | 23      | f2        |
| 10      | e3        | 24      | b1        |
| 11      | d3        | 25      | a1        |
| 12      | g3        | 26      | D1 Common |
| 13      | c1        | 27      | f1        |
| 14      | Dp3       | 28      | g1        |



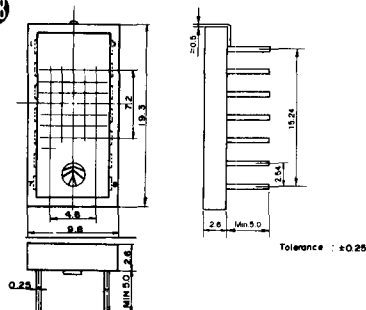
| Pin No. | Address | Pin No. | Address |
|---------|---------|---------|---------|
| 1       | H2      | 10      | D2      |
| 2       | A1      | 11      | J3      |
| 3       | F       | 12      | Dp      |
| 4       | H1      | 13      | C       |
| 5       | G1      | 14      | Common  |
| 6       | E       | 15      | G2      |
| 7       | J1      | 16      | H3      |
| 8       | D1      | 17      | B       |
| 9       | J2      | 18      | A2      |





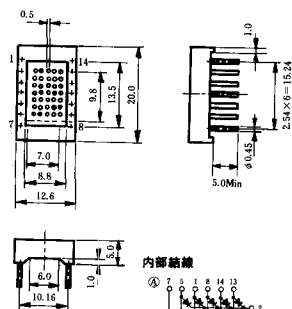


198

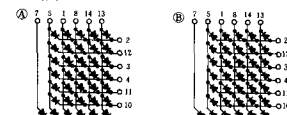


| PIN NO. | ADDRESS  | PIN NO. | ADDRESS  |
|---------|----------|---------|----------|
| 1       | Column 2 | 8       | Column 7 |
| 2       | Row 1    | 9       | Row 2    |
| 3       | Row 3    | 10      | Row 4    |
| 4       | Row 4    | 11      | Row 5    |
| 5       | Column 1 | 12      | Column 2 |
| 6       | N.C.     | 13      | Column 3 |
| 7       | D.P.     | 14      | Column 4 |

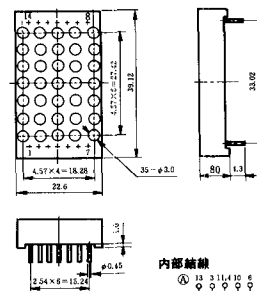
199



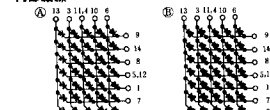
内部結線



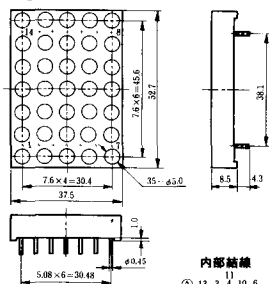
200



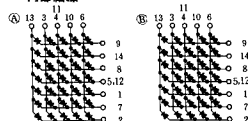
内部結線



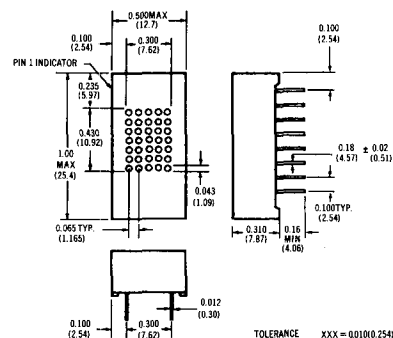
201



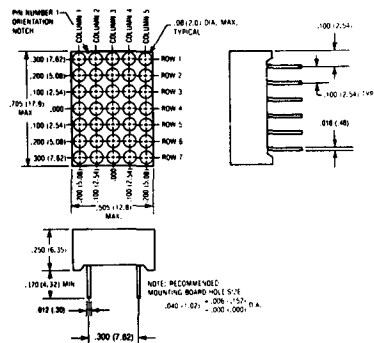
内部結線



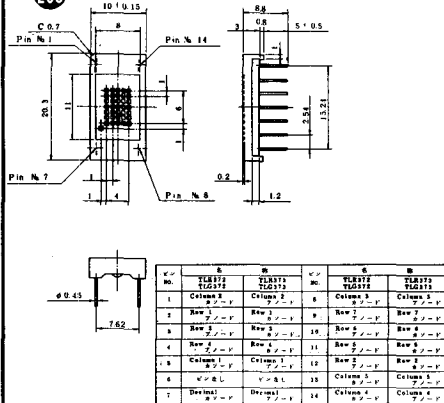
202



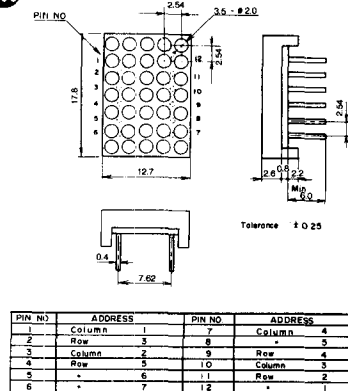
204



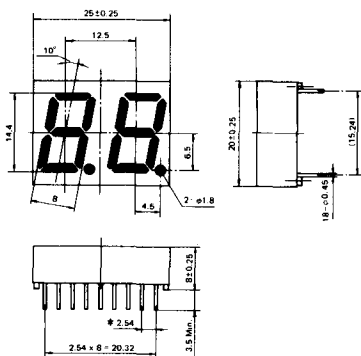
205



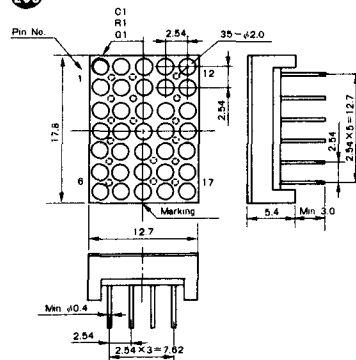
206



207



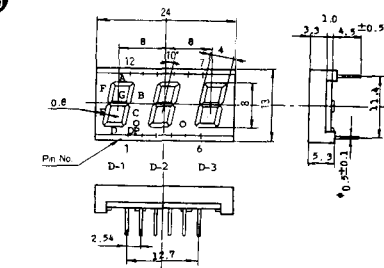
208



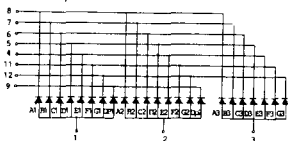
| Pin No. | Address | Pin No. | Address | Pin No. | Address |
|---------|---------|---------|---------|---------|---------|
| 1       | G1      | 7       | G2      | 13      | C2      |
| 2       | R2      | 8       | R3      | 14      | C3      |
| 3       | R1      | 9       | C4      | 15      | G5      |
| 4       | C5      | 10      | R4      | 16      | R5      |
| 5       | C6      | 11      | G3      | 17      | G4      |
| 6       | C7      | 12      | C1      |         |         |

| ADD.    | C1      | C2 | C3 | C4 | C5 | C6 | C7 | C: Common |
|---------|---------|----|----|----|----|----|----|-----------|
| Pin No. | 12      | 13 | 14 | 9  | 4  | 5  | 6  | R: Red    |
| ADD.    | Pin No. | 3  | 7  | 11 | 15 | 17 | 15 | G: Green  |
| R1      | 3       |    |    |    |    |    |    |           |
| R2      | 2       |    |    |    |    |    |    |           |
| R3      | 8       |    |    |    |    |    |    |           |
| R4      | 10      |    |    |    |    |    |    |           |
| R5      | 16      |    |    |    |    |    |    |           |

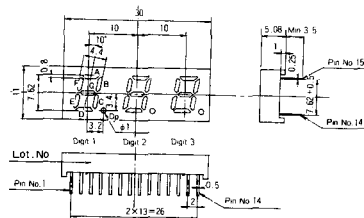
209



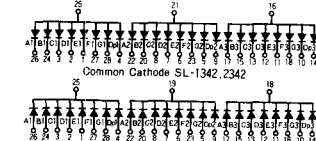
Common Anode  
SL-1321-01  
SL-2321-01



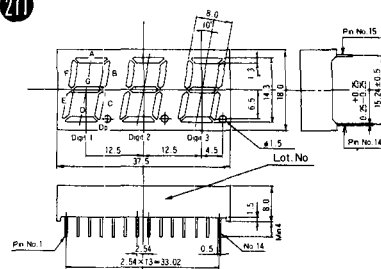
210



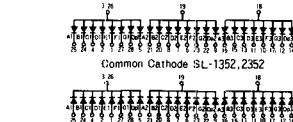
Common Anode SL-1341, 2341



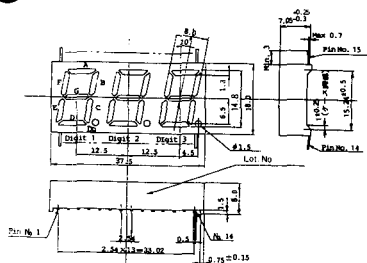
211



Common Anode SL-1351, 2351

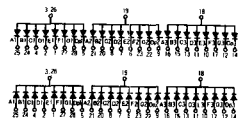


212

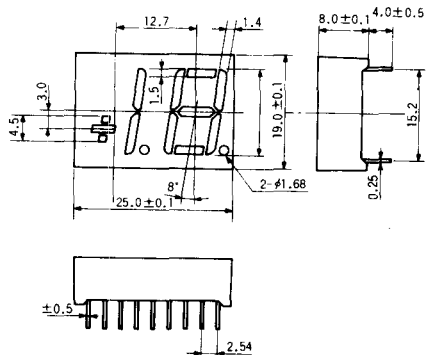


Common Anode  
SL-1351-60  
SL-2351-60

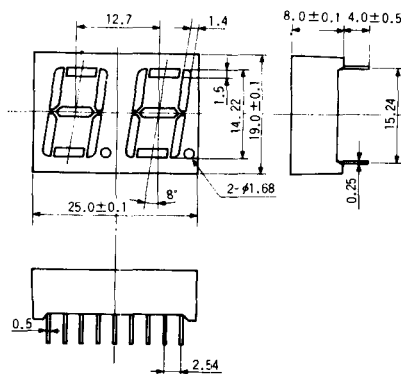
Common Cathode  
SL-1352-60  
SL-2352-60



213



214

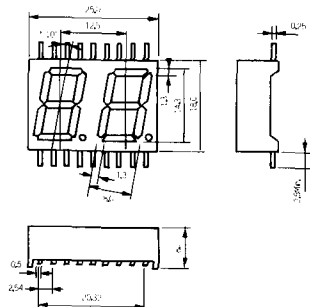




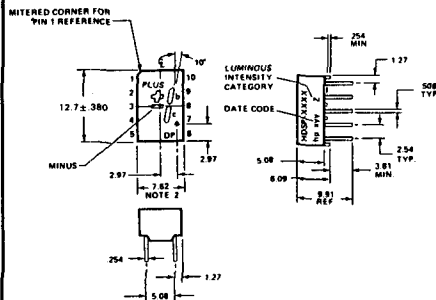




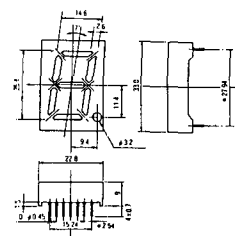
226



227

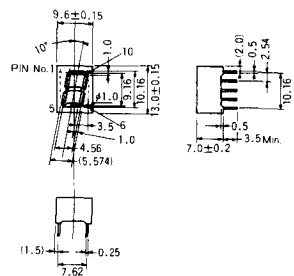


228

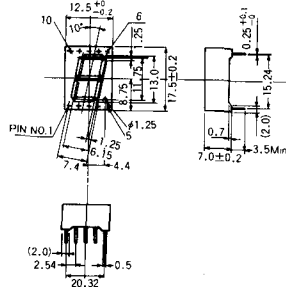


●リード線元寸法  
Lead wire dimension

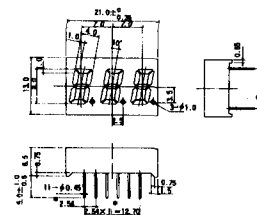
229



230



231



●リード線元寸法  
Lead wire dimension



