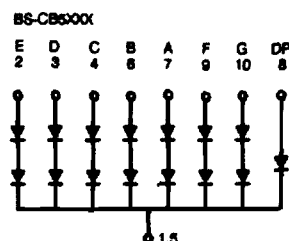
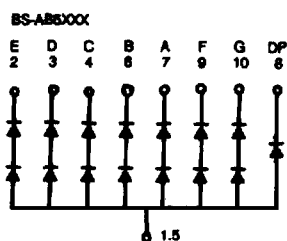
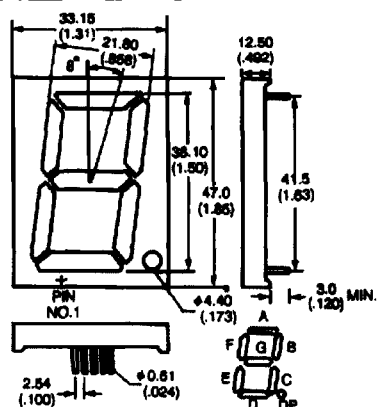
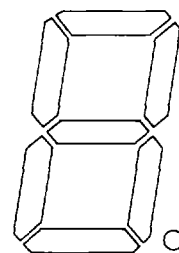


## BIGGER SIZE DISPLAYS

| Digit<br><br>Size | Part No.            |                       | Emitted<br><br>Color | Peak<br>Wave<br>Length<br>$\lambda_p$ (nm) | Absolute Maximum<br>Ratings |                |        |                    | Electro-Optical<br>Data (At 10 mA) |      |                              | Drawing<br><br>No. |
|-------------------|---------------------|-----------------------|----------------------|--------------------------------------------|-----------------------------|----------------|--------|--------------------|------------------------------------|------|------------------------------|--------------------|
|                   | Common<br><br>Anode | Common<br><br>Cathode |                      |                                            | $\Delta\lambda$<br><br>(nm) | Pd<br><br>(mw) | If(mA) | Peak<br><br>If(mA) | Vf(V)                              |      | Iv Typ.<br>Per Seg.<br>(mcd) |                    |
|                   |                     |                       |                      |                                            |                             |                |        |                    | Typ.                               | Max. |                              |                    |
| 1.5"              | BS-AB52RD           | BS-CB52RD             | Green                | 568                                        | 30                          | 100            | 30     | 150                | 2.1                                | 2.6  | 4.8                          | D-33               |
|                   | AB54RD              | CB54RD                | Hi-Eff Red<br>Orange | 635                                        | 45                          | 80             | 30     | 150                | 2.0                                | 2.6  | 4.8                          |                    |
|                   | AB56RD              | CB56RD                | Super Red            | 660                                        | 20                          | 60             | 20     | 150                | 1.7                                | 2.6  | 8.4                          |                    |
| 1.8"              | BS-AB02RD           | BS-CB02RD             | Green                | 568                                        | 30                          | 100            | 30     | 150                | 2.1                                | 2.6  | 5.6                          | D-34               |
|                   | AB04RD              | CB04RD                | Hi-Eff Red<br>Orange | 635                                        | 45                          | 80             | 30     | 150                | 2.0                                | 2.6  | 5.6                          |                    |
|                   | AB06RD              | CB06RD                | Super Red            | 660                                        | 20                          | 60             | 20     | 150                | 1.7                                | 2.6  | 9.8                          |                    |
| 2.3"              | BS-AD12RD           | BS-CD12RD             | Green                | 568                                        | 30                          | 100            | 30     | 150                | 2.1                                | 2.6  | 7.2                          | D-35               |
|                   | AD14RD              | CD14RD                | Hi-Eff Red<br>Orange | 635                                        | 45                          | 80             | 30     | 150                | 2.0                                | 2.6  | 6.2                          |                    |
|                   | AD16RD              | CD16RD                | Super Red            | 660                                        | 20                          | 60             | 20     | 150                | 1.7                                | 2.6  | 12.6                         |                    |
| 4.0"              | BS-AE02RD           | BS-CE02RD             | Green                | 568                                        | 30                          | 100            | 30     | 150                | 2.1                                | 2.6  | 8.5                          | D-36               |
|                   | AE04RD              | CE04RD                | Hi-Eff Red<br>Orange | 635                                        | 45                          | 80             | 30     | 150                | 2.0                                | 2.6  | 8.5                          |                    |
|                   | AE06RD              | CE06RD                | Super Red            | 660                                        | 20                          | 60             | 20     | 150                | 1.7                                | 2.6  | 14.8                         |                    |

Remark: • The average luminous intensity is obtained by summing the luminous intensity of each segment and dividing by total number of segments.  
 • Above part numbers are all with black surface and white segment. For part numbers with other surface and segment color combinations, please check the selection guide (part number system).

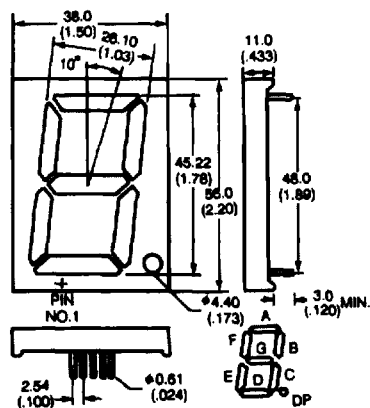


- NOTES
1. All dimensions are in millimeters (inches).
  2. Tolerance is  $\pm 0.25$ mm ( $\pm 0.010$ ") unless otherwise specified.
  3. Specifications are subject to change without notice.

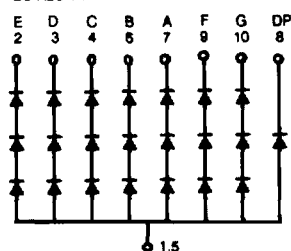
## PACKAGE DIMENSIONS

### NOTES:

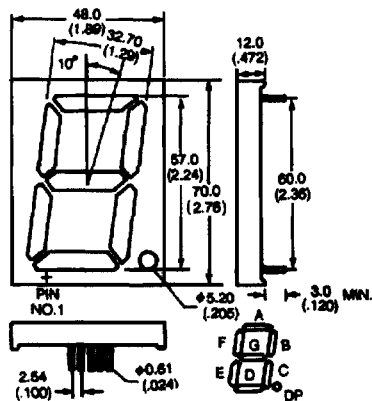
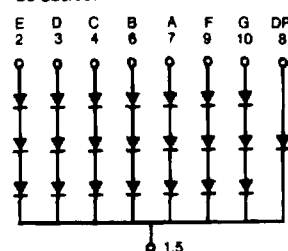
1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25\text{mm}$  ( $\pm 0.010"$ ) unless otherwise specified.
3. Specifications are subject to change without notice.



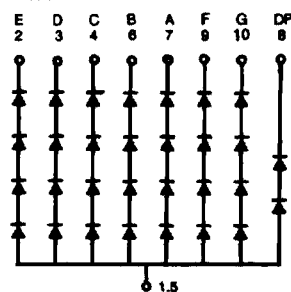
BS-AB0XXX



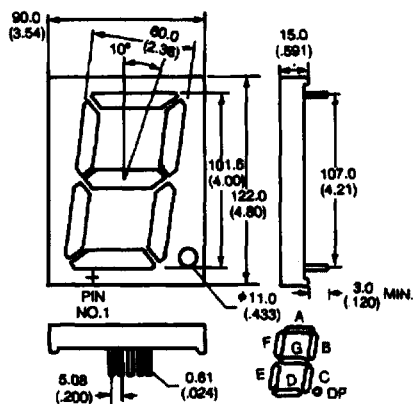
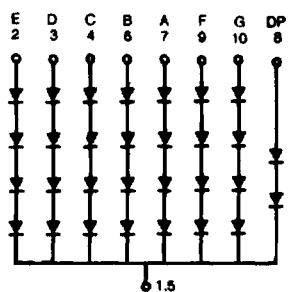
BS-CB0XXX



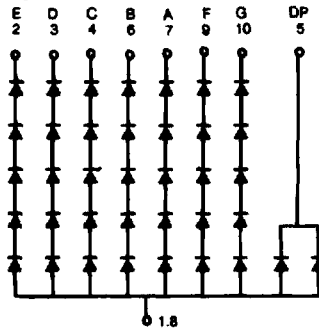
BS-AD1XXX



BS-CD1XXX



BS-AE0XXX



BS-CE0XXX

