



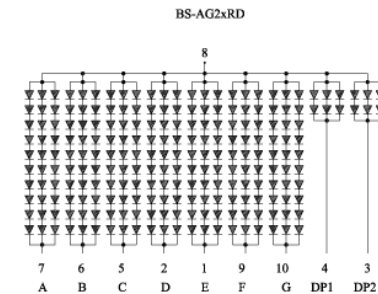
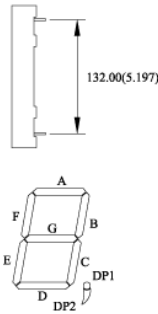
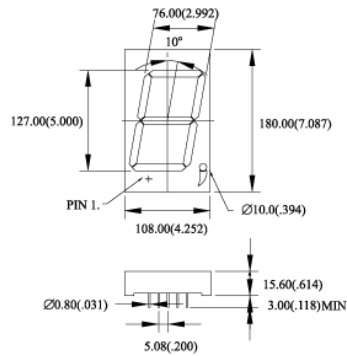
# Single Digit LED Displays BS-A/C Series

5", 7", 7-segment

| Digit Size         | Part No.     |                       | Chip                   |                                   | Absolute Maximum Ratings |         |         |          | Electro-optical Data(At 10mA) |      |                         | Drawing No. |
|--------------------|--------------|-----------------------|------------------------|-----------------------------------|--------------------------|---------|---------|----------|-------------------------------|------|-------------------------|-------------|
|                    | Common Anode | Common Cathode        | Material/Emitted Color | Peak Wave Length $\lambda_p$ (nm) | $\Delta \lambda$ (nm)    | Pd (mw) | If (mA) | Ifp (mA) | Vf (v)                        |      | Iv. Typ. Per.Seg. (mcd) |             |
|                    |              |                       |                        |                                   |                          |         |         |          | Typ.                          | Max. |                         |             |
| 5.00" Single-Digit | BS-AG21RD    | BS-CG21RD             | GaAsP/Red              | 655                               | 40                       | 800     | 40      | 200      | 16.0                          | 20.0 | 15.0                    | SD-65       |
|                    | BS-AG25RD    | BS-CG25RD             | GaP/ Bright Red        | 700                               | 90                       | 375     | 15      | 50       | 21.0                          | 25.0 | 18.0                    |             |
|                    | BS-AG25RE    | BS-CG25RE             |                        |                                   |                          |         |         |          |                               |      |                         |             |
|                    | BS-AG22RD    | BS-CG22RD             | GaP/ Green             | 568                               | 30                       | 750     | 30      | 150      | 21.0                          | 25.0 | 25.0                    |             |
|                    | BS-AG23RD    | BS-CG23RD             | GaAsP/GaP/ Yellow      | 585                               | 35                       | 750     | 30      | 150      | 20.0                          | 25.0 | 20.0                    |             |
|                    | BS-AG24RD    | BS-CG24RD             | GaAsP/GaP/ Hi-Eff.Red  | 635                               | 45                       | 750     | 30      | 150      | 19.0                          | 25.0 | 22.0                    |             |
|                    |              |                       | GaAsP/GaP/ Orange      |                                   |                          |         |         |          |                               |      |                         |             |
|                    | BS-AG26RD    | BS-CG26RD             | GaAlAs/ SH Super Red   | 660                               | 20                       | 750     | 30      | 150      | 17.0                          | 25.0 | 60.0                    |             |
| BS-AG2FRD          | BS-CG2FRD    | GaAlAs/ DDH Super Red | 660                    | 20                                | 750                      | 30      | 150     | 20.0     | 25.0                          | 80.0 |                         |             |
| 7.00" Single-Digit | BS-AJ01RD    | BS-CJ01RD             | GaAsP/Red              | 655                               | 40                       | 560     | 40      | 200      | 12.0                          | 14.0 | 20.0                    | SD-66       |
|                    | BS-AJ05RD    | BS-CJ05RD             | GaP/ Bright Red        | 700                               | 90                       | 270     | 15      | 50       | 15.0                          | 17.5 | 30.0                    |             |
|                    | BS-AJ05RE    | BS-CJ05RE             |                        |                                   |                          |         |         |          |                               |      |                         |             |
|                    | BS-AJ02RD    | BS-CJ02RD             | GaP/ Green             | 568                               | 30                       | 540     | 30      | 150      | 15.0                          | 17.5 | 40.0                    |             |
|                    | BS-AJ03RD    | BS-CJ03RD             | GaAsP/GaP/ Yellow      | 585                               | 35                       | 540     | 30      | 150      | 15.0                          | 17.5 | 30.0                    |             |
|                    | BS-AJ04RD    | BS-CJ04RD             | GaAsP/GaP/ Hi-Eff.Red  | 635                               | 45                       | 540     | 30      | 150      | 15.0                          | 17.5 | 40.0                    |             |
|                    |              |                       | GaAsP/GaP/ Orange      |                                   |                          |         |         |          |                               |      |                         |             |
|                    | BS-AJ06RD    | BS-CJ06RD             | GaAlAs/ SH Super Red   | 660                               | 20                       | 450     | 30      | 150      | 12.0                          | 17.5 | 70.0                    |             |
| BS-AJ0FRD          | BS-CJ0FRD    | GaAlAs/ DDH Super Red | 660                    | 20                                | 540                      | 30      | 150     | 14.0     | 17.5                          | 90.0 |                         |             |

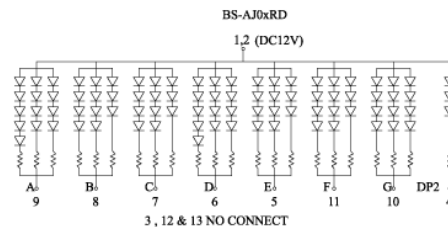
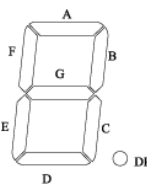
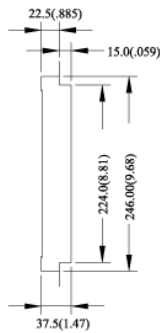
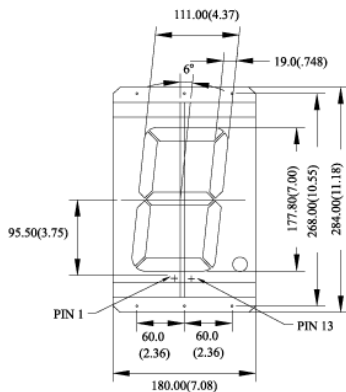
SD-65

BS-AG2xRD



SD-66

BS-AJ0xRD



NOTES: 1.All Dimensions are in millimeters(inches).

3.Specifications are subject to change without notice.

2.Tolerance is  $\pm 0.25\text{mm}(0.010")$ .

4.NP:No Pin.

5.NC:No Connect.

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