



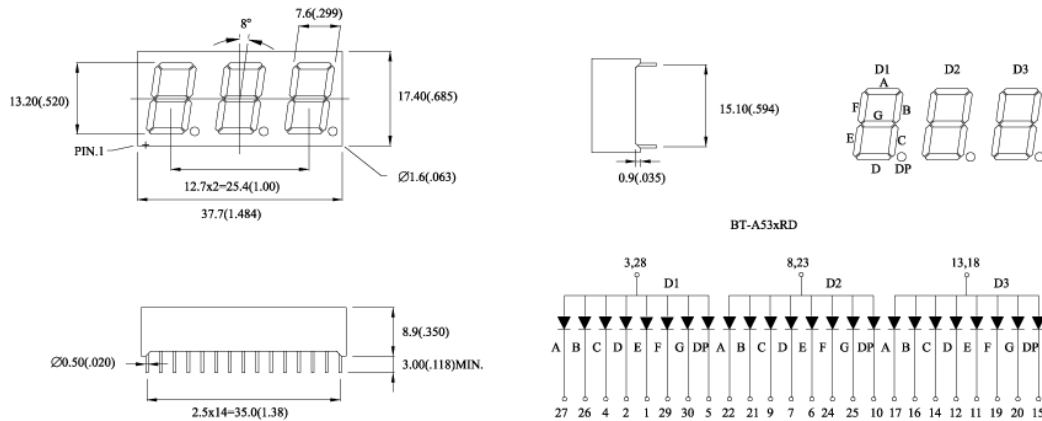
# Three Digit LED Displays BT-A/C Series

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. |                         |             |
| 0.52" Three-Digit | BT-A531RD    | BT-C531RD            | GaAsP/Red              | 655                               | 40                       | 80      | 40      | 200      | 1.7                           | 2.0  | 1.0                     | TD-07       |
|                   | BT-A535RD    | BT-C535RD            | GaP/ Bright Red        | 700                               | 90                       | 40      | 15      | 50       | 2.2                           | 2.5  | 1.5                     |             |
|                   | BT-A535RE    | BT-C535RE            |                        |                                   |                          |         |         |          |                               |      |                         |             |
|                   | BT-A532RD    | BT-C532RD            | GaP/ Green             | 568                               | 30                       | 80      | 30      | 150      | 2.2                           | 2.5  | 3.0                     |             |
|                   | BT-A533RD    | BT-C533RD            | GaAsP/GaP/ Yellow      | 585                               | 35                       | 80      | 30      | 150      | 2.1                           | 2.5  | 2.0                     |             |
|                   | BT-A534RD    | BT-C534RD            | GaAsP/GaP/ Hi-Eff.Red  | 635                               | 45                       | 80      | 30      | 150      | 2.0                           | 2.5  | 3.0                     |             |
|                   |              |                      | GaAsP/GaP/ Orange      |                                   |                          |         |         |          |                               |      |                         |             |
|                   | BT-A536RD    | BT-C536RD            | GaAlAs/ SH Super Red   | 660                               | 20                       | 80      | 30      | 150      | 1.7                           | 2.5  | 7.0                     |             |
| BT-A53DRD         | BT-C53DRD    | GaAlAs/ DH Super Red | 660                    | 20                                | 80                       | 30      | 150     | 1.7      | 2.5                           | 8.0  |                         |             |
| 0.56" Three-Digit | BT-A511RD    | BT-C511RD            | GaAsP/Red              | 655                               | 40                       | 80      | 40      | 200      | 1.7                           | 2.0  | 0.6                     | TD-08       |
|                   | BT-A515RD    | BT-C515RD            | GaP/ Bright Red        | 700                               | 90                       | 40      | 15      | 50       | 2.2                           | 2.5  | 1.2                     |             |
|                   |              |                      |                        |                                   |                          |         |         |          |                               |      |                         |             |
|                   | BT-A512RD    | BT-C512RD            | GaP/ Green             | 568                               | 30                       | 80      | 30      | 150      | 2.2                           | 2.5  | 3.0                     |             |
|                   | BT-A513RD    | BT-C513RD            | GaAsP/GaP/ Yellow      | 585                               | 35                       | 80      | 30      | 150      | 2.1                           | 2.5  | 2.0                     |             |
|                   | BT-A514RD    | BT-C514RD            | GaAsP/GaP/ Hi-Eff.Red  | 635                               | 45                       | 80      | 30      | 150      | 2.0                           | 2.5  | 3.0                     |             |
|                   |              |                      | GaAsP/GaP/ Orange      |                                   |                          |         |         |          |                               |      |                         |             |
|                   | BT-A516RD    | BT-C516RD            | GaAlAs/ SH Super Red   | 660                               | 20                       | 80      | 30      | 150      | 1.7                           | 2.5  | 6.0                     |             |
| BT-A51DRD         | BT-C51DRD    | GaAlAs/ DH Super Red | 660                    | 20                                | 80                       | 30      | 150     | 1.7      | 2.5                           | 7.0  |                         |             |

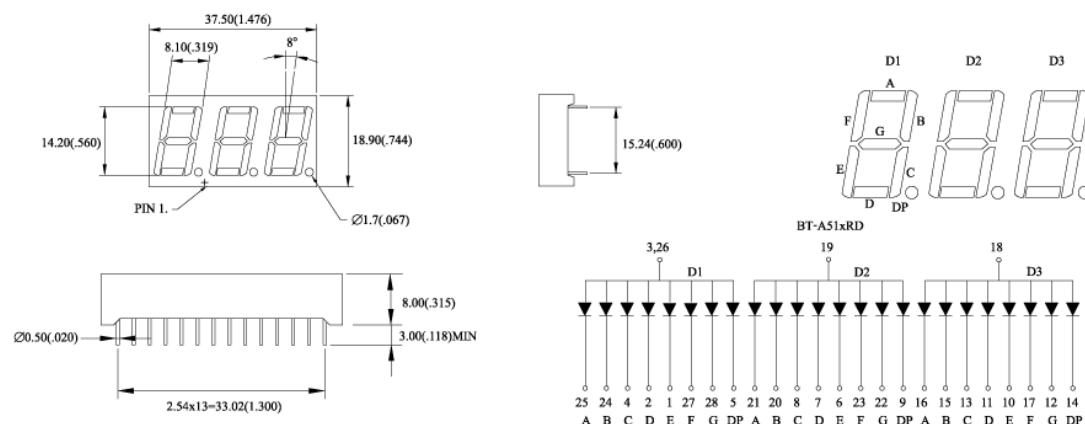
TD-07

BT-A<sub>53</sub>xRD



TD-08

BT-A<sub>51</sub>xRD



NOTES: 1.All Dimensions are in millimeters( inches).  
3.Specifications are subject to change without notice.

2.Tolerance is  $\pm 0.25\text{mm}(.010")$ .  
4.NP:No Pin. 5.NC:No Connect.

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