

**C/A-301X, C/A-311X SINGLE DIGIT DISPLAY**

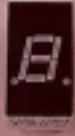
| Shape                                                                             | Part No.       |              | Chip         |               | Wave Length<br>λ p(nm) | Electro-Optical Characteristics |      |             | Fig. No. |
|-----------------------------------------------------------------------------------|----------------|--------------|--------------|---------------|------------------------|---------------------------------|------|-------------|----------|
|                                                                                   | Common Cathode | Common Anode | Raw Material | Emitted Color |                        | Vf(V)20mA                       |      | Iv(ucd)10mA |          |
|                                                                                   |                |              |              |               |                        | Typ.                            | Max. | Typ.        |          |
|  | C-301H-11      | A-301H-11    | GaP          | Red           | 700                    | 2.1                             | 2.8  | 550         | D1       |
|                                                                                   | C-301E-11      | A-301E-11    | GaAsP/GaP    | Hi.effi Red   | 635                    | 2.0                             | 2.8  | 1800        |          |
|                                                                                   | C-301G-11      | A-301G-11    | GaP          | Green         | 565                    | 2.1                             | 2.8  | 1600        |          |
|                                                                                   | C-301Y-11      | A-301Y-11    | GaAsP/GaP    | Yellow        | 585                    | 2.1                             | 2.8  | 1500        |          |
|                                                                                   | C-301SR-11     | A-301SR-11   | GaAlAs       | Super Red     | 660                    | 1.8                             | 2.4  | 5000        |          |
|  | C-311H         | A-311H       | GaP          | Red           | 700                    | 2.1                             | 2.8  | 550         | D2       |
|                                                                                   | C-311E         | A-311E       | GaAsP/GaP    | Hi.effi Red   | 635                    | 2.0                             | 2.8  | 1800        |          |
|                                                                                   | C-311G         | A-311G       | GaP          | Green         | 565                    | 2.1                             | 2.8  | 1600        |          |
|                                                                                   | C-311Y         | A-311Y       | GaAsP/GaP    | Yellow        | 585                    | 2.1                             | 2.8  | 1500        |          |
|                                                                                   | C-311SR        | A-311SR      | GaAlAs       | Super Red     | 660                    | 1.8                             | 2.4  | 5000        |          |

Fig.D1

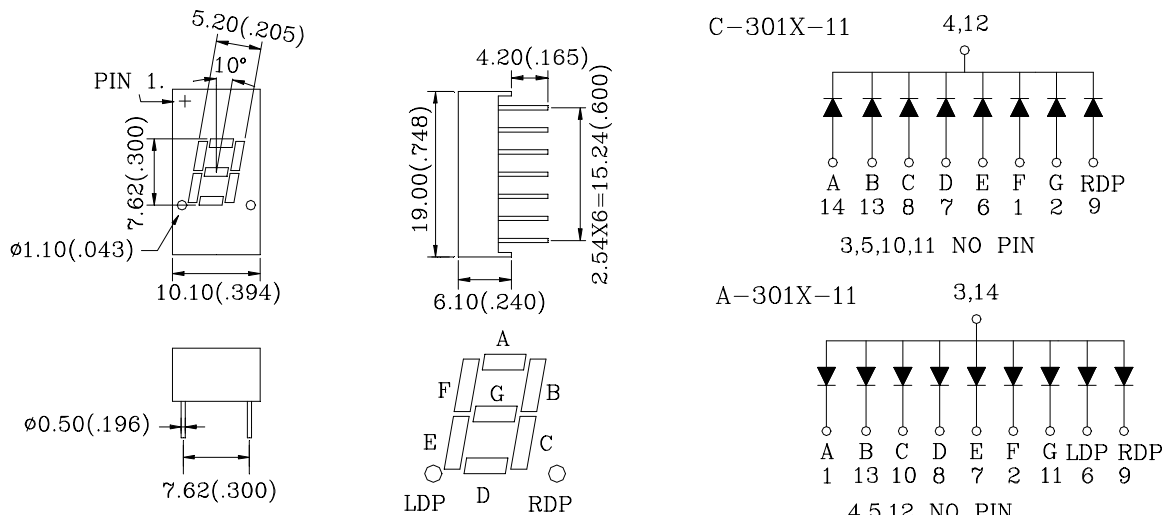
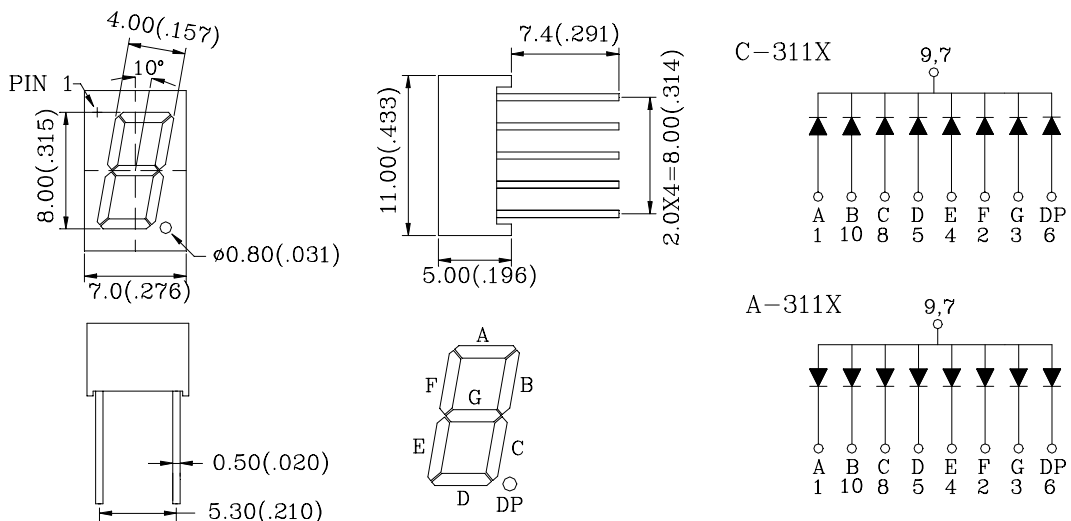


Fig.D2



1.All dimension are in millimeters (inches).  
2.Tolerance is  $\pm 0.25$  mm (0.01") unless otherwise specified.