



### C/A-413X, C/A-503XA THREE DIGITS DISPLAY

| Shape | Part No.       |              | Chip         |               | Wave Length<br>$\lambda_p$ (nm) | Electro-Optical Characteristics |      |             | Fig. No. |
|-------|----------------|--------------|--------------|---------------|---------------------------------|---------------------------------|------|-------------|----------|
|       | Common Cathode | Common Anode | Raw Material | Emitted Color |                                 | Vf(V)20mA                       |      | lv(ucd)10mA |          |
|       |                |              |              |               |                                 | Typ.                            | Max. | Typ.        |          |
|       | C-413H         | A-413H       | GaP          | Red           | 700                             | 2.1                             | 2.8  | 550         | D39      |
|       | C-413E         | A-413E       | GaAsP/GaP    | Hi. effi Red  | 635                             | 2.0                             | 2.8  | 1800        |          |
|       | C-413G         | A-413G       | GaP          | Green         | 565                             | 2.1                             | 2.8  | 1600        |          |
|       | C-413Y         | A-413Y       | GaAsP/GaP    | Yellow        | 585                             | 2.1                             | 2.8  | 1500        |          |
|       | C-413SR        | A-413SR      | GaAlAs       | Super Red     | 660                             | 1.8                             | 2.4  | 21000       |          |
|       | C-503HA        | A-503HA      | GaP          | Red           | 700                             | 2.1                             | 2.8  | 550         | D40      |
|       | C-503EA        | A-503EA      | GaAsP/GaP    | Hi. effi Red  | 635                             | 2.0                             | 2.8  | 1800        |          |
|       | C-503GA        | A-503GA      | GaP          | Green         | 565                             | 2.1                             | 2.8  | 1600        |          |
|       | C-503YA        | A-503YA      | GaAsP/GaP    | Yellow        | 585                             | 2.1                             | 2.8  | 1500        |          |
|       | C-503SRA       | A-503SRA     | GaAlAs       | Super Red     | 660                             | 1.8                             | 2.4  | 21000       |          |

Fig.D39

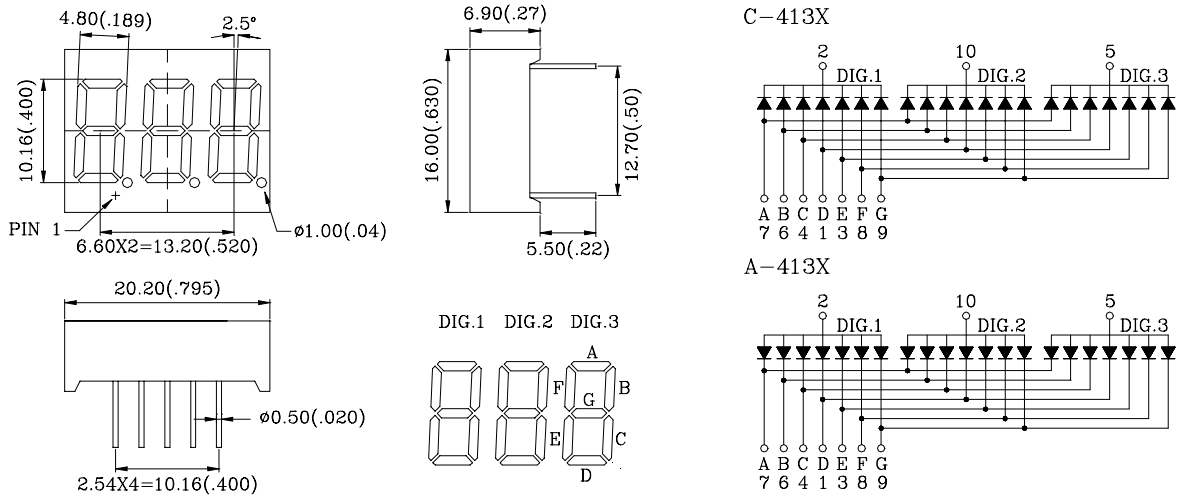
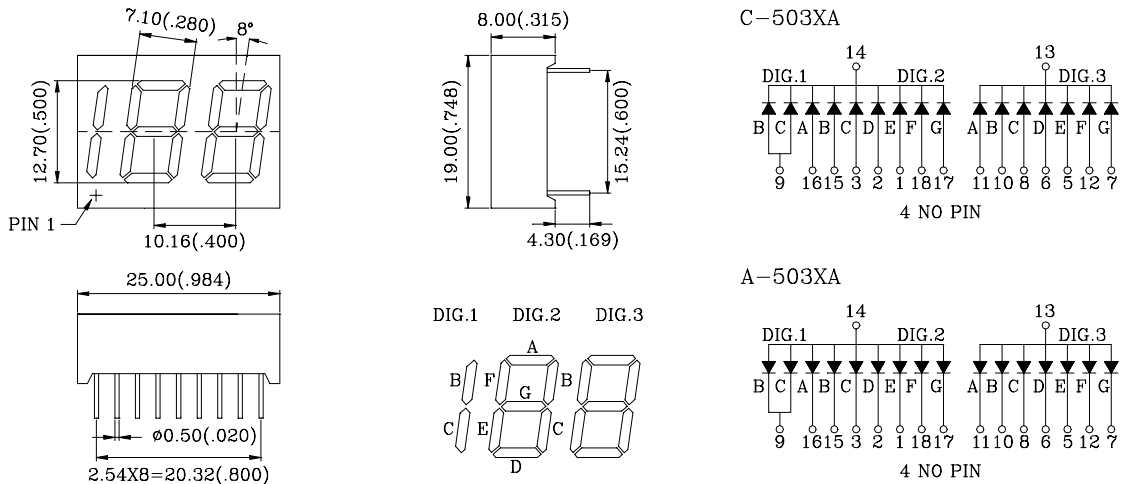


Fig.D40



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