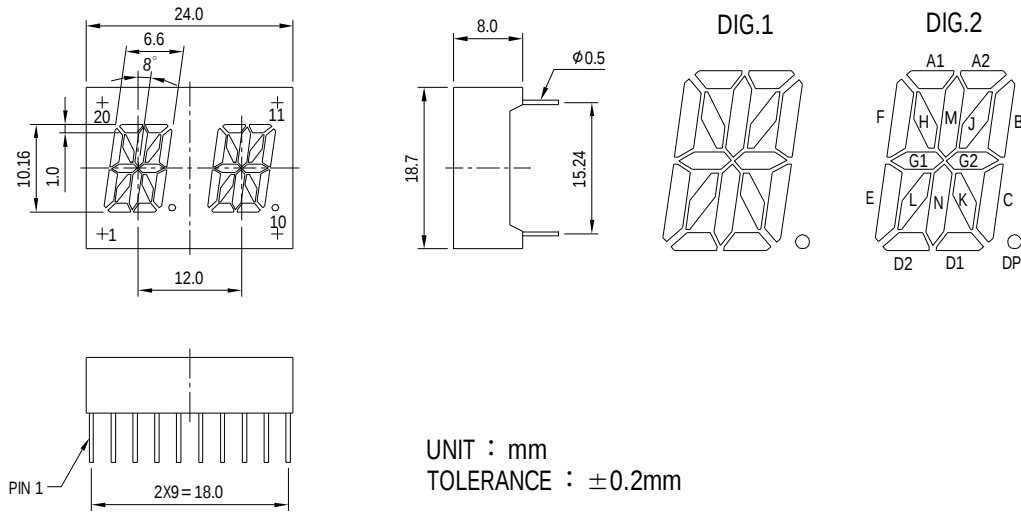
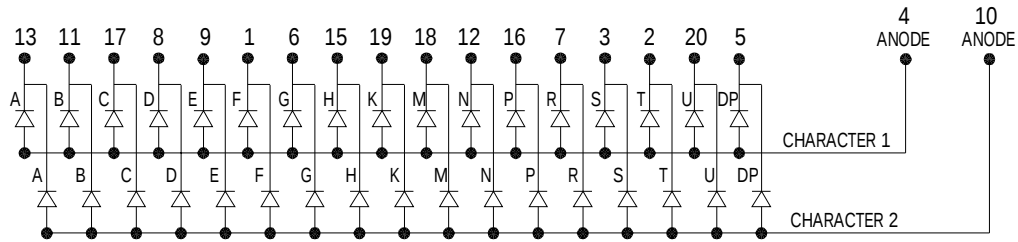


# JOINSCAN LEDs

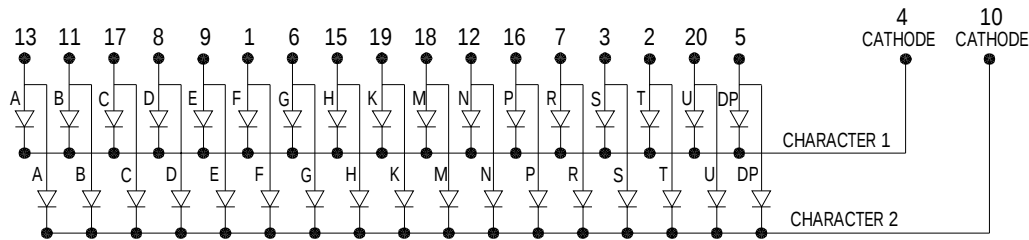
D.40KA 0.4 INCH ( 10.16mm ) DUAL DIGIT ALPHABET TYPE 24.0 X 18.7 X 8.0mm



## A. E412K SERIES



## B. F412K SERIES



| PIN FUNCTION        | COMMON ANODE |           |           | COMMON CATHODE |           |           | WAVE LENGTH (nm) | IR MAX (uA) VR = 5V | VF (V) IF = 20mA | LUMINOUS INTENSITY IF = 20mA |
|---------------------|--------------|-----------|-----------|----------------|-----------|-----------|------------------|---------------------|------------------|------------------------------|
|                     | A            | C         | E         | B              | D         | F         |                  |                     |                  |                              |
| Emitting COLOR      | model no.    | model no. | model no. | model no.      | model no. | model no. |                  |                     |                  |                              |
| GaP RED             | E412KH       |           |           | F412KH         |           |           | 695              | 100                 | 2.2              | 0.6mcd                       |
| GaAsP ORANGE RED    | E412KO       |           |           | F412KO         |           |           | 630              | 100                 | 2.0              | 4.0mcd                       |
| GaP GREEN           | E412KG       |           |           | F412KG         |           |           | 570              | 100                 | 2.2              | 4.5mcd                       |
| GaP Yellow          | E412KY       |           |           | F412KY         |           |           | 600              | 100                 | 2.2              | 4.0mcd                       |
| GaAlAs SUPER RED    | E412KRS      |           |           | F412KRS        |           |           | 650              | 100                 | 1.8              | 8.0mcd                       |
| GaAlAs ULTRA RED    |              |           |           |                |           |           |                  |                     |                  |                              |
| GaAlAs YELLOW GREEN |              |           |           |                |           |           |                  |                     |                  |                              |
| Sic BLUE            | E412KSF      |           |           | F412KSF        |           |           | 465±5            | 100                 | 3.6              | 10mcd                        |
| ZnSe WHITE          |              |           |           |                |           |           |                  |                     |                  |                              |

Model No.-BW BLACK SURFACE WHITE SEGMENT  
-BR BLACK SURFACE RED SEGMENT  
-GW GRAY SURFACE WHITE SEGMENT

Remark :

1. Typical forward current 10-20mA, MAXimum forward current 25mA
2. Solder Temperature 1.6mm Below Seating plane less 5 seconds at 260°C +5°C -30°C
3. Peak Forward current Per Dice, Duty cycle 1/10, 10KHZ, MAXimum 120mA
4. Operating Temperature From -25°C to 85°C
5. ROHS COMPLIANT

REV : C