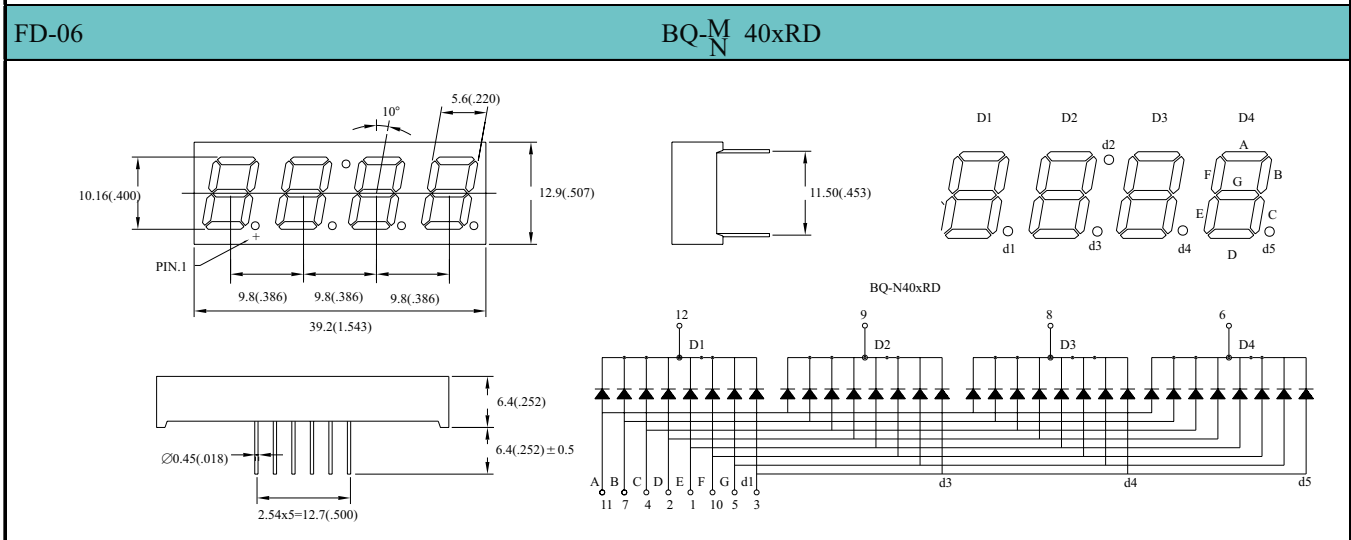
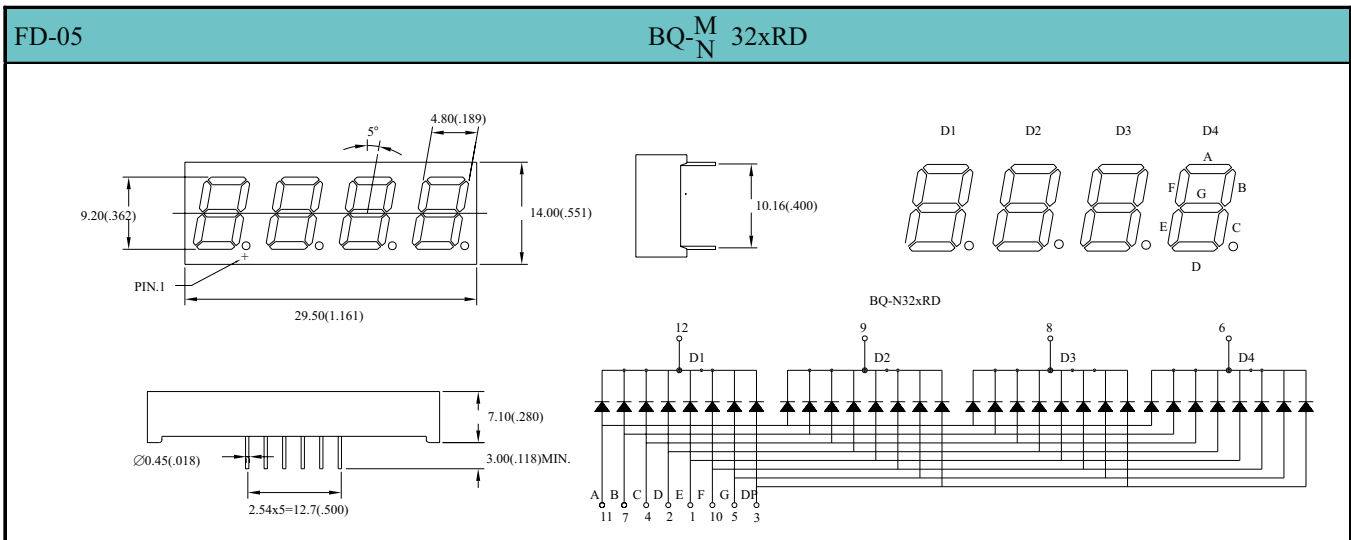


FOUR DIGIT LED DISPLAYS

| 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 λ_p (nm) | $\Delta \lambda$ (nm) | Pd (mw) | If (mA) | Ifp (mA) | Vf (v) | | Iv. Typ. Per.Seg. (mcd) | |
| | | | | | | | | | Typ. | Max. | | |
| 0.36" Four-Digit | BQ-M321RD | BQ-N321RD | GaAsP/Red | 655 | 40 | 80 | 40 | 200 | 1.7 | 2.0 | 0.6 | FD-05 |
| | BQ-M325RD | BQ-N325RD | GaP/ Bright Red | 700 | 90 | 40 | 15 | 50 | 2.2 | 2.5 | 1.2 | |
| | BQ-M325RE | BQ-N325RE | | | | | | | | | | |
| | BQ-M322RD | BQ-N322RD | GaP/ Green | 568 | 30 | 80 | 30 | 150 | 2.2 | 2.5 | 3.0 | |
| | BQ-M323RD | BQ-N323RD | GaAsP/GaP/ Yellow | 585 | 35 | 80 | 30 | 150 | 2.1 | 2.5 | 2.0 | |
| | BQ-M324RD | BQ-N324RD | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 80 | 30 | 150 | 2.0 | 2.5 | 3.0 | |
| | | | GaAsP/GaP/ Orange | | | | | | | | | |
| BQ-M326RD | BQ-N326RD | GaAlAs/ SH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 6.0 | | |
| BQ-M32DRD | BQ-N32DRD | GaAlAs/ DH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 7.0 | | |
| 0.40" Four-Digit | BQ-M401RD | BQ-N401RD | GaAsP/Red | 655 | 40 | 80 | 40 | 200 | 1.7 | 2.0 | 0.6 | FD-06 |
| | BQ-M405RD | BQ-N405RD | GaP/ Bright Red | 700 | 90 | 40 | 15 | 50 | 2.2 | 2.5 | 1.2 | |
| | BQ-M405RE | BQ-N405RE | | | | | | | | | | |
| | BQ-M402RD | BQ-N402RD | GaP/ Green | 568 | 30 | 80 | 30 | 150 | 2.2 | 2.5 | 3.0 | |
| | BQ-M403RD | BQ-N403RD | GaAsP/GaP/ Yellow | 585 | 35 | 80 | 30 | 150 | 2.1 | 2.5 | 2.0 | |
| | BQ-M404RD | BQ-N404RD | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 80 | 30 | 150 | 2.0 | 2.5 | 3.0 | |
| | | | GaAsP/GaP/ Orange | | | | | | | | | |
| BQ-M406RD | BQ-N406RD | GaAlAs/ SH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 6.0 | | |
| BQ-M40DRD | BQ-N40DRD | GaAlAs/ DH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 7.0 | | |



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.