

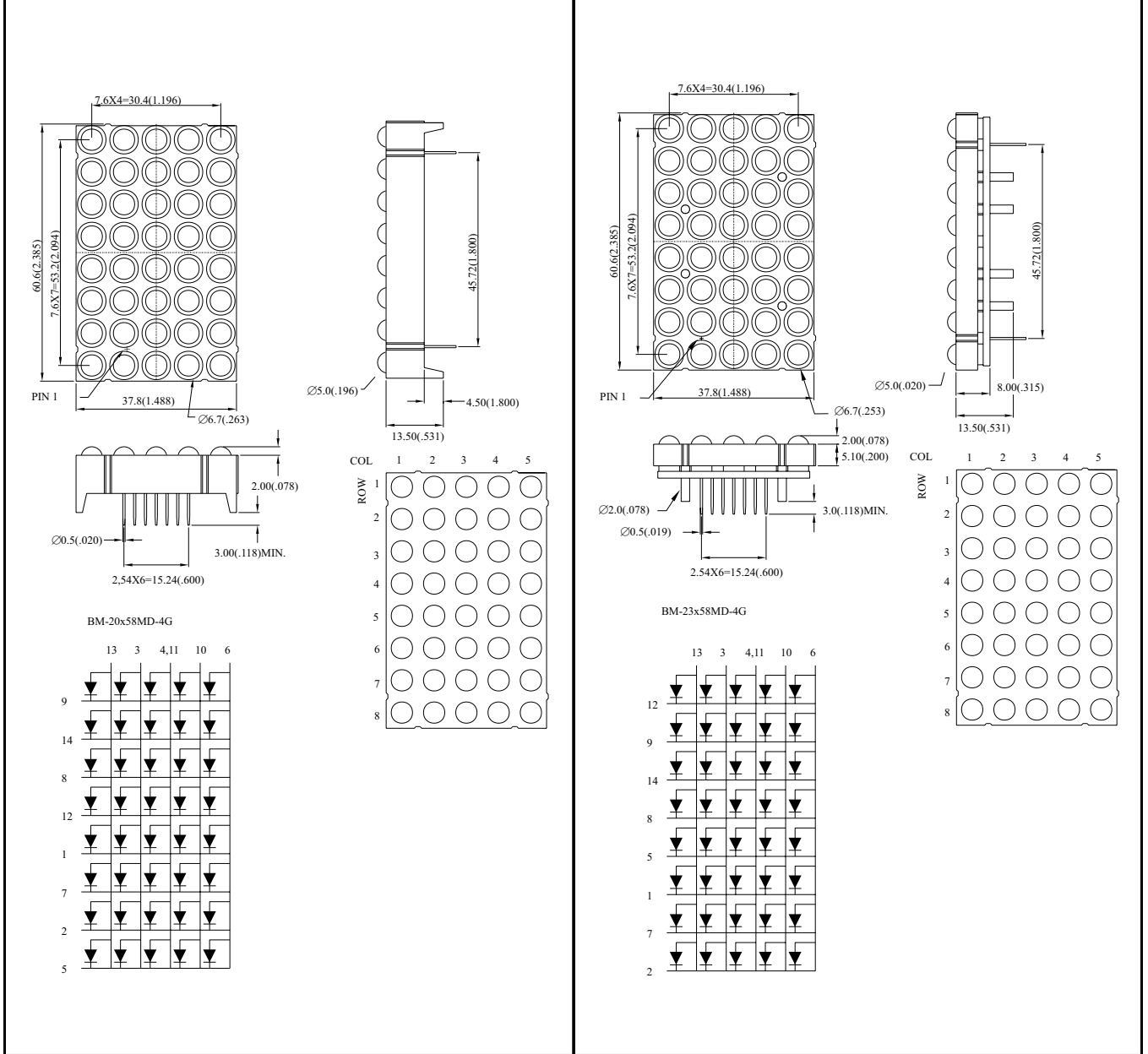


LED DOT MATRIX DISPLAY

Single- Color 5x8 Dot Matrix Displays

| Digit Size | Part No. | | Chip | Absolute Maximum Ratings | | | | | Electro-optical Data(At 10mA) | | | Drawing No. |
|--------------------------|---------------------|-----------------------|------------------------|--------------------------|-----------------------------------|-----------------------|---------|---------|-------------------------------|--------|-----|-------------|
| | Column Common Anode | Column Common Cathode | | Material/Emitted Color | Peak Wave Length λ_p (nm) | $\Delta \lambda$ (nm) | Pd (mw) | If (mA) | Ifp (mA) | Vf (v) | | |
| | | | Typ. | | | | | | | Max. | | |
| 2.30" High ϕ 5.0 | BM-20458MD-4G | BM-20458ND-4G | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 80 | 30 | 150 | 2.0 | 2.5 | 200 | DM-39 |
| | BM-20258MD-4G | BM-20258ND-4G | GaP/ GaP/ Yellow Green | 568 | 30 | 80 | 30 | 150 | 2.1 | 2.5 | 200 | |
| | BM-20D58MD-4G | BM-20D58ND-4G | GaAlAs/DH / Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 450 | |
| | BM-20F58MD-4G | BM-20F58ND-4G | GaAlAs/DDH /Super Red | 660 | 20 | 80 | 30 | 150 | 2.0 | 2.5 | 800 | |
| 2.50" High ϕ 5.0 | BM-23458MD-4G | BM-23458ND-4G | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 80 | 30 | 150 | 2.0 | 2.5 | 200 | DM-40 |
| | BM-23258MD-4G | BM-23258ND-4G | GaP/ GaP/ Yellow Green | 568 | 30 | 80 | 30 | 150 | 2.1 | 2.5 | 200 | |
| | BM-23D58MD-4G | BM-23D58ND-4G | GaAlAs/DH / Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 450 | |
| | BM-23F58MD-4G | BM-23F58ND-4G | GaAlAs/DDH /Super Red | 660 | 20 | 80 | 30 | 150 | 2.0 | 2.5 | 800 | |

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| DM-39 BM-20x58 _N ^M D-4G | DM-40 BM-23x58 _N ^M D-4G |
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NOTES: 1.All Dimensions are in millimeters(inches).
 2.Tolerance is $\pm 0.25\text{mm}(.010")$.
 3.Specifications are subject to change without notice.
 4.NP:No Pin. 5.NC:No Connect.