



LED DOT MATRIX DISPLAY

Multi- Color 5x8 & 8x8 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) | | Iv. Typ. Per.Seg. (mcd) | |
| | | | | | | | | | Typ. | Max. | | |
| 4.60" High ϕ 10.0 | BM-40EG58MD | BM-40EG58ND | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 80 | 30 | 150 | 2.0 | 2.5 | 15.0 | DM-35 |
| | | | GaP/ GaP/ Yellow Green | 568 | 30 | 80 | 30 | 150 | 2.1 | 2.5 | 15.0 | |
| 1.25" High ϕ 3.00 | BM-10EG88MD | BM-10EG88ND | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 80 | 30 | 150 | 2.0 | 2.5 | 10.0 | DM-36 |
| | | | GaP/ GaP/ Yellow Green | 568 | 30 | 80 | 30 | 150 | 2.1 | 2.5 | 10.0 | |

| DM-35 BM-40EG58 ^M _N D | DM-36 BM-10EG88 ^M _N D |
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NOTES: 1.All Dimensions are in millimeters(inches).
 2.Tolerance is $\pm 0.25\text{mm}(0.010")$.
 3.Specifications are subject to change without notice.
 4.NP:No Pin. 5.NC:No Connect.