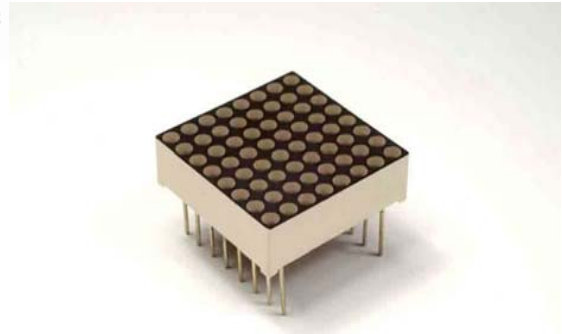


Dot Matrix LED Display 8x8 LMD8801A series 0.80" (20.0mm)



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Features

- High Efficiency
- Wide angle of view
- Choice of colours
- Choice of dot & surface colours

Electro-optical characteristics (Ta=25°C)

| Part No. Column Cathode | Part No. Column Anode | Chip Material Emitted Colour | | Wavelength λ_P (nm) | Forward Voltage Vf (v) @20mA | | Intensity/Dot Iv(mcd) @10mA | |
|----------------------------|--------------------------|---------------------------------|------------|-----------------------------------|---------------------------------|-----|--------------------------------|-----|
| | | material | emitted | | typ | max | min | typ |
| LMD8801ASR-XX | LMD8802ASR-XX | GaAlAs | Super Red | 660 | 1.7 | 2.4 | 10 | 16 |
| LMD8801AHRF-XX | LMD8802AHRF-XX | AllnGaP | Super Red | 630 | 1.7 | 2.5 | 21 | 33 |
| LMD8801AVG-XX | LMD8802AVG-XX | GaP | Green | 565 | 1.7 | 2.8 | 8 | 12 |
| LMD8801ASGM-XX | LMD8802ASGM-XX | InGaN | True Green | 525 | 3.5 | 4.2 | 37 | 58 |
| LMD8801AHYS-XX | LMD8802AHYS-XX | AllnGaP | Yellow | 587 | 1.7 | 2.6 | 15 | 26 |
| LMD8801ASBKS-XX | LMD8802ASBKS-XX | InGaN | Blue | 470 | 3.5 | 4.2 | 8 | 13 |
| | | | | | | | | |

Display Dot/Surface colours are denoted by suffix xx

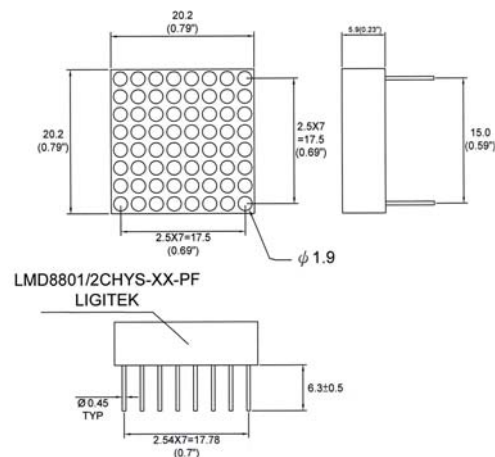
| Surface colour |
|----------------|
| 0 = Original |
| 1 = Black |
| 2 = Grey |
| 3 = Red |
| 4 = Orange |

| Dot Epoxy colour |
|---------------------|
| 0 = White diffused |
| 1 = Red diffused |
| 2 = Green diffused |
| 3 = Yellow diffused |
| 4 = Orange diffused |
| 5 = Clear |

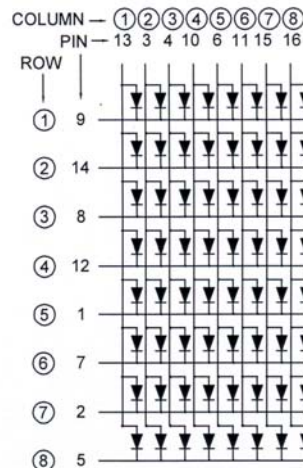
Other colour permutations are available on request

Please verify details from the full data sheets and contact our office for the latest luminous intensity yields

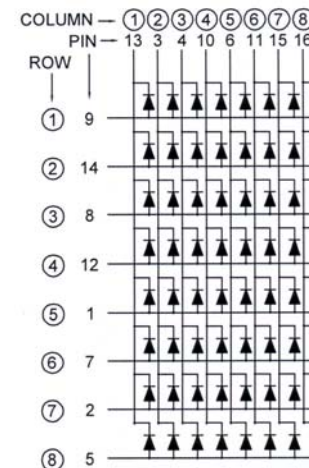
Package Outline



Column Anode



Column cathode



Specifications may be subject to change without notice