

Dot Matrix LED Display 8x8

LMD8821A series 2.3" (60.0mm)



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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
LMD8821AHR-XX	LMD8822aHR-XX	GaAlAs	Super Red	660	1.7	2.4	15	26
LMD8821AHRF-XX	LMD8822AHRF-XX	AllnGaP	Super Red	630	1.7	2.5	30	48
LMD8821AVG-XX	LMD8822AVG-XX	GaP	Green	565	1.7	2.8	7	12
LMD8821ASGM-XX	LMD8822ASGM-XX	InGaN	True Green	525	3.5	4.2	37	58
LMD8821AHYS-XX	LMD8822AHYS-XX	AllnGaP	Yellow	587	1.7	2.6	30	48
LMD8821ADBK-XX	LMD8822ADBK-XX	InGaN	Blue	470	3.5	4.2	15	26



Display Dot/Surface colours are denoted by suffix xx

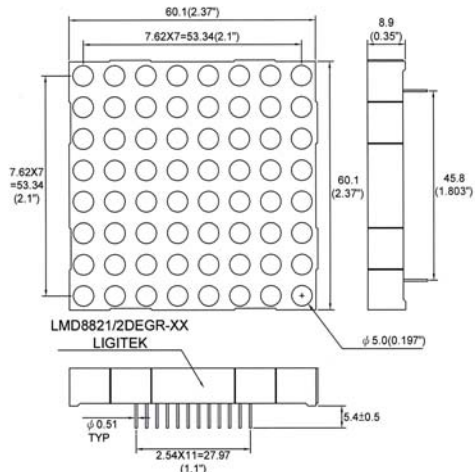
Surface colour	
0	= Original
1	= Black
2	= Grey
3	= Red
4	= Orange

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

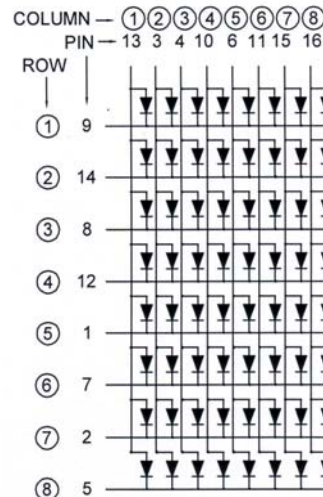
Other colour permutations are available on request

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

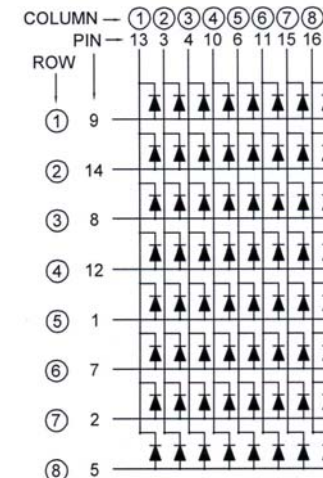
Package Outline



Column Anode



Column Cathode



Specifications may be subject to change without notice