

# Dot Matrix LED Display 8x8 LMD8811J series 1.9" (48.0mm)



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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 $\lambda_P$ (nm)	Forward Voltage Vf (v) @20mA		Intensity/Dot Iv(mcd) @10mA	
		material	emitted		typ	max	min	typ
LMD8811CURH-XX	LMD8812CURH-XX	GaAlAs	Super Red	660	1.7	2.4	68	91
LMD8811CHRF-XX	LMD8812CHRF-XX	AllnGaP	Super Red	630	1.7	2.5	21	33
LMD8811CVG-XX	LMD8812CVG-XX	GaP	Green	565	1.7	2.8	7	12
LMD8811CSGM-XX	LMD8812CSGM-XX	InGaN	True Green	525	3.5	4.2	37	58
LMD8811CHYS-XX	LMD8812CHYS-XX	AllnGaP	Yellow	587	1.7	2.6	17	30
LMD8811CDBK-XX	LMD8812CDBK-XX	InGaN	Blue	470	3.5	4.2	15	26

Display Dot/Surface colours are denoted by suffix xx

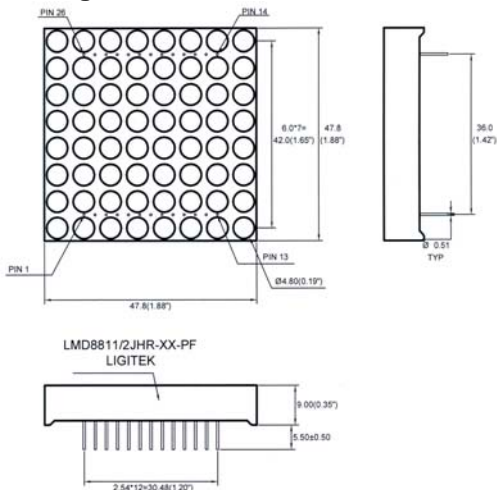
Surface colour
0 = Original
1 = Black
2 = Grey
3 = Red
4 = Orange

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

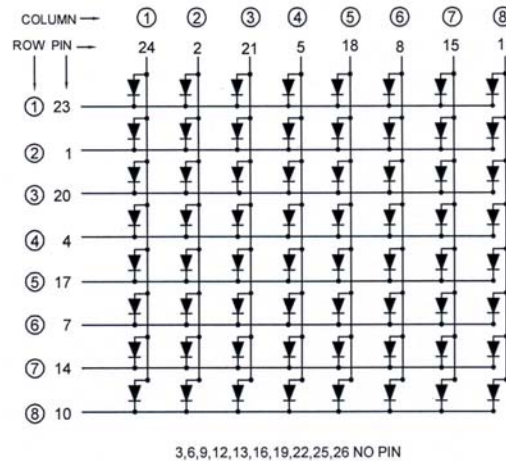
Other colour permutations are available on request

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

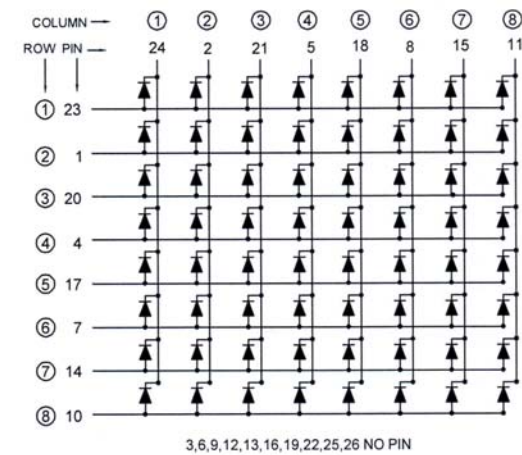
## Package Outline



## Column Anode



## Column Cathode



Specifications may be subject to change without notice