

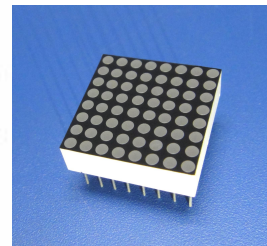
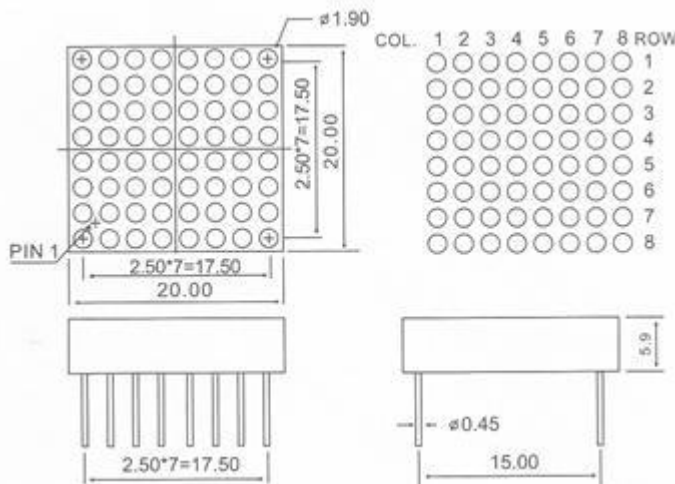
## Specifications of Dot Matrix LED display

Part: KEM-7088-AW(common cathode)

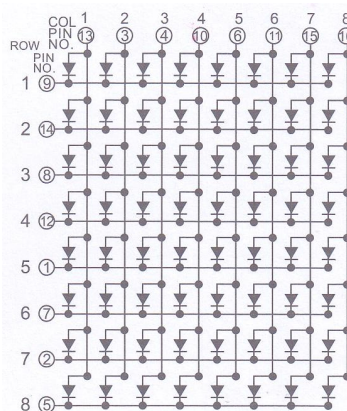
Features:

Dot diameter	1.9mm	Epoxy color	White diffused
Array	8*8	Pin configuration	Common Cathode
Surface color	Black	Emitting color	White

Package dimension& Internal circuit diagram



**Common Cathode**



- . All dimensions are in millimeters (inches).
- . Tolerance is 0.25(0.01) unless otherwise noted.
- . Specifications are subject to change without notice.

Address: No.3 Gongye street, Baihao industrial district, Houjie town, Dongguan city, Guangdong, China



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## ☆ ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

ITEM	Amber	Super green	Super red	High red	Yellow green	Yellow	Blue	Pure green	White	UNIT
Power Dissipation (Pd)	52	50	40	36	44	42	66	66	66	mW
Peak Forward Current (Ifp)	100	100	100	100	100	100	100	100	100	mA
Continuous Forward Current(If)	20	20	20	20	20	20	20	20	20	mA
Reverse Voltage (Vr)	5	5	5	5	5	5	5	5	5	V
Reverse Current(Ir)	20	20	20	20	20	20	20	20	20	Ua
Operating Temperature Range(Ta)	-35~+85									°C
Storage Temperature Range(Tstg)	-35~+85									°C
Lead Solder Temperature	260°C for 3 sec									

## ☆ Color Code &amp; Chip characteristic: (Test Condition: IF=20Ma)

Emitting Color	Peak Wavelength		Forward Voltage IF=20Ma (V)		Luminous Intensity IF=20Ma(mcd)
	(λp)	△λ	Typ	Max	Max
Amber	605-615	20	2.1	2.5	30
Orange	615-625	20	2.1	2.5	100
Super green	565-575	20	2.2	2.6	80
Super red	625-640	20	2.1	2.5	100
High red	640-660	20	2.1	2.5	20
Yellow green	570-580	20	2.2	2.6	12
Yellow	590-600	20	2.1	2.5	60
Blue	465-475	20	3.0	3.5	200
Pure green	515-525	20	3.0	3.5	600
White		20	3.0	3.5	280

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