

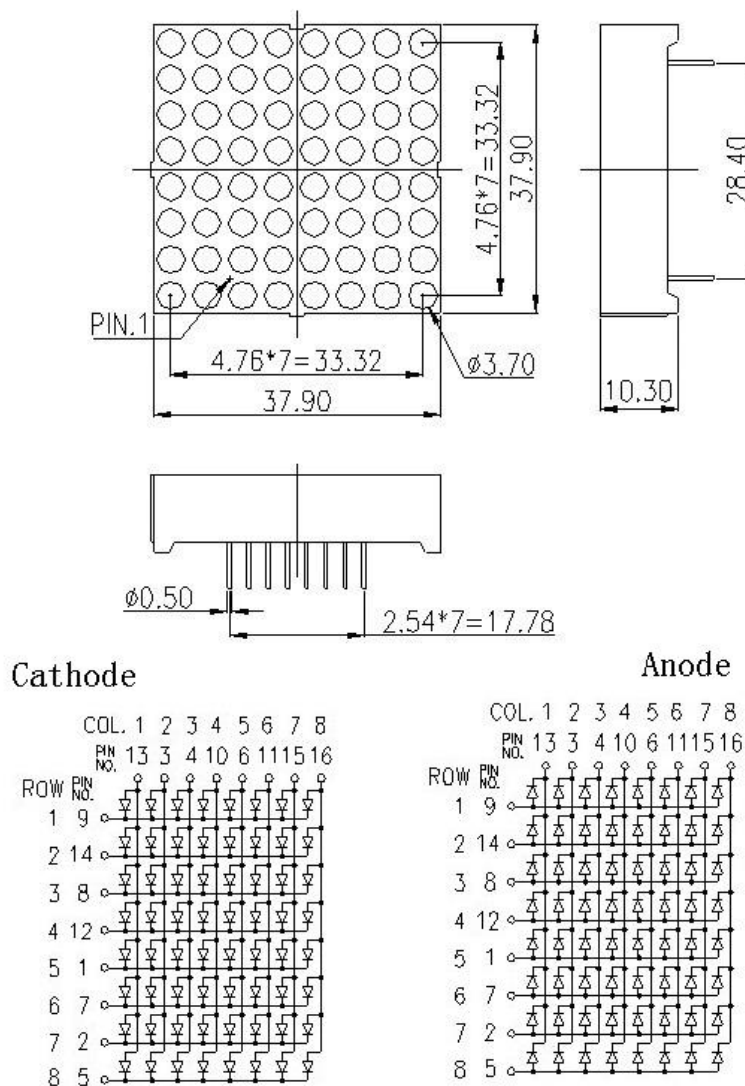
Specifications of LED Dot Matrix

Part: ELLEDMTX88RD01

Features:

Matrix height	1.50 inches
Dot size	3.7mm
Lens color	white
Face color	black
Emitting color	Super red
Pin configuration	common anode

Package dimension:



☆ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

ITEM	SYMBOL	RATING	UNIT
Power Dissipation	Pd	75	mW
Peak Forward Current (1/10Duty Cycle,0.1ms Pulse Width)	Ifp	160	mA
DC Forward Current	If	25	mA
Reverse Voltage	Vr	5	V
Operating Temperature Range	Ta	-35~+85	°C
Storage Temperature Range	Tstg	-35~+85	°C
Lead Solder Temperature	260°C for 3 sec		

☆ELECTRICAL-OPTICAL CHARACTERISTICS (Ta=25°C)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage	Vf	If=20mA		1.8	2.5	V
Reverse Current	Ir	Vr=5V		10		uA
Peak Wavelength	λ_p	If=20mA		625	650	nm
Spectral Lin Half-Width	$\Delta \lambda$	If=20mA		45		nm
Luminous Intensity	Iv	If=20mA	18	20	22	mcd
Capacitance	Iv-M	Vf=0V,f=1MHz		15		pF

☆Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}(0.01'')$ unless otherwise specified.
3. Lead spacing is measured where the leads emerge from the package.
4. Specifications are subject to change without notice.