

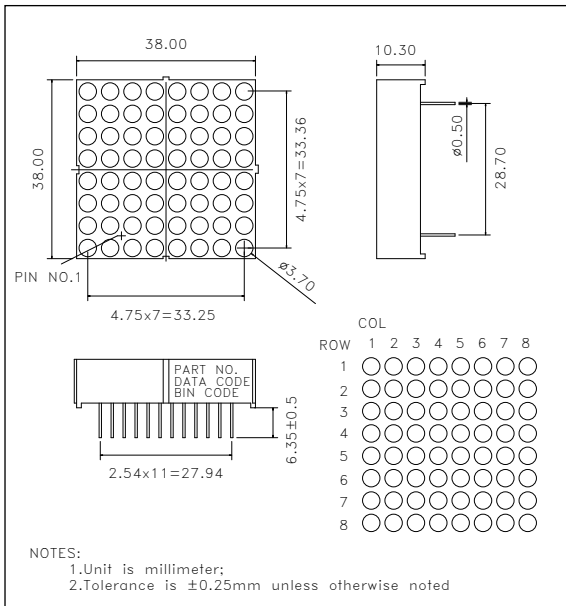
## Ø 3.7 8x8 Dot Matrix Dual Color LED Display

1.5" (37.02mm) matrix height

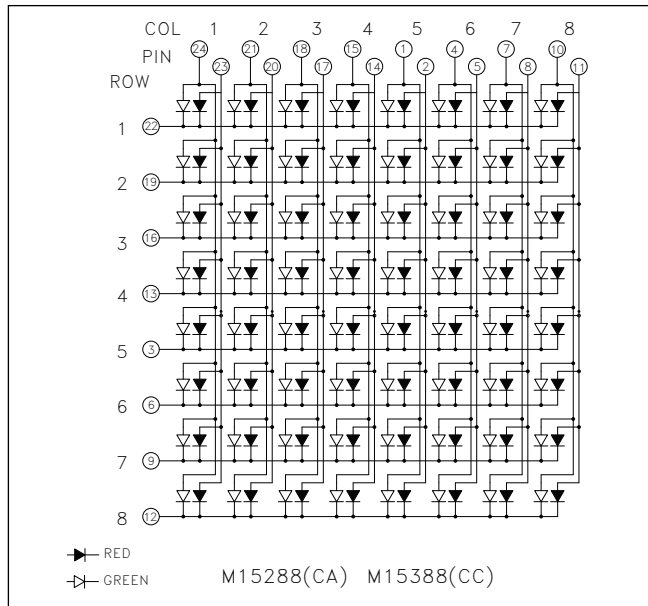
● ABSOLUTE MAXIMUM RATINGS : (T<sub>a</sub>=25°C)

PARAMETER	SR RED	RED ORANGE	GREEN	UNIT
Power Dissipation Per Seg	72	65	65	mW
Peak Forward Current Per Seg (1/10 Duty Cycle, 0.1ms Pulse Width)	125	100	100	mA
Continuous Forward Current Per Seg	30	25	25	mA
Derating Linear From 25°C Per Seg	0.42	0.33	0.33	mA/°C
Reverse Voltage Per Seg	5	5	5	v
Operating Tem Range	-35°C to + 85°C			
Storage Tem Range	-35°C to + 85°C			
Solder Tem 1/16 inch Below Seating Plane at 260°C for 3 seconds				

### ● PACKAGE DIMENSIONS



### ● INTERNAL CIRCUIT DIAGRAM



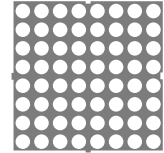
### ● ELECTRICAL/OPTICAL CHARACTERISTICS

PART NO.	COLOR	$\lambda_p/\lambda_d$ (nm)	Half-Spectral Width( $\Delta\lambda$ )	Description	AVERAGE LUMINOUS INTENSITY			FORWARD VOLTAGE	
					Min(mcd)	Typ.(mcd)	@ I <sub>F</sub> (mA)	Typ.(V)	@ I <sub>F</sub> (mA)
M152880EG...	RED ORANGE	632/622	35	CA	0.8	2.0	I <sub>p</sub> =80mA 1/16 Duty	2	20
	GREEN	568/573	30		0.8	2.0		2.1	20
M152880SU...	SR RED	660/643	20	CA	1.6	4.0		1.8	20
	GREEN	568/570	30		1.1	2.8		2.1	20

Notes : These components are also available in :

- Low Current
- AllnGaP high intensity red,orange,yellow green,amber

### Ø 3.7 8x8 Dot Matrix Dual Color LED Display

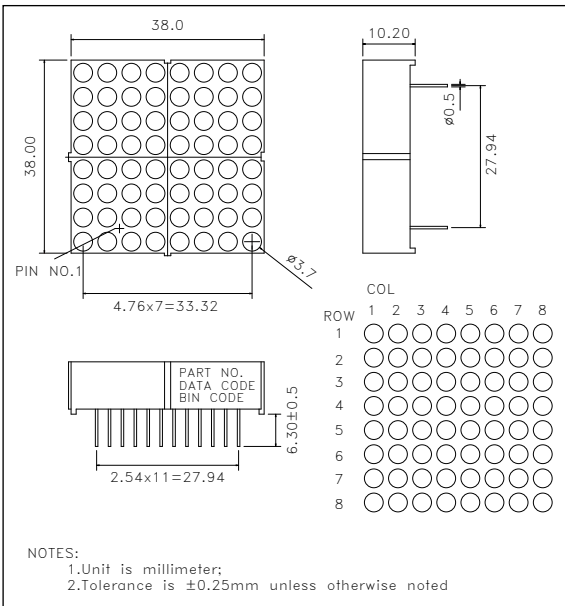


1.5" (37.02mm) matrix height

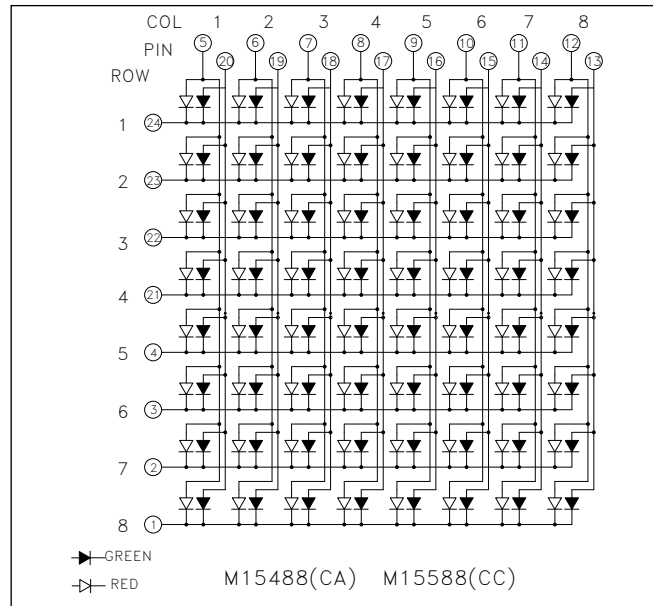
• ABSOLUTE MAXIMUM RATINGS : (Ta=25°C)

PARAMETER	SR RED	RED ORANGE	GREEN	UNIT
Power Dissipation Per Seg	72	65	65	mW
Peak Forward Current Per Seg (1/10 Duty Cycle, 0.1ms Pulse Width)	125	100	100	mA
Continuous Forward Current Per Seg	30	25	25	mA
Derating Linear From 25°C Per Seg	0.42	0.33	0.33	mA/°C
Reverse Voltage Per Seg	5	5	5	v
Operating Tem Range	-35°C to + 85°C			
Storage Tem Range	-35°C to + 85°C			
Solder Tem 1/16 inch Below Seating Plane at 260°C for 3 seconds				

#### • PACKAGE DIMENSIONS



#### • INTERNAL CIRCUIT DIAGRAM



#### • ELECTRICAL/OPTICAL CHARACTERISTICS

PART NO.	COLOR	$\lambda_p/\lambda_d$ (nm)	Half-Spectral Width( $\Delta\lambda$ )	Description	AVERAGE LUMINOUS INTENSITY			FORWARD VOLTAGE	
					Min.(mcd)	Typ.(mcd)	@ IF(mA)	Typ.(V)	@ IF(mA)
M154880EG...	RED ORANGE	632/622	35	CA	0.8	2.0	Ip=80mA 1/16 Duty	2	20
	GREEN	568/570	30		0.8	2.0		2.1	20
M154880SU...	SR RED	660/643	20	CA	1.6	4.0		1.8	20
	GREEN	568/570	30		1.1	2.8		2.1	20

Notes : These components are also available in :

- Low Current
- AllnGaP high intensity red,orange,yellow green,amber