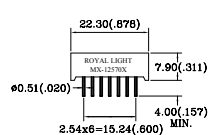
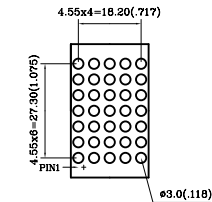


Single Color 5x7 Dot Matrix Display

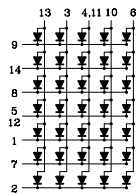
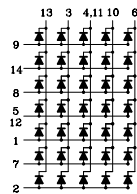
Digit Size	Part No.		Chip		Wave Length λ (nm)	Absolute Maximum Ratings				Electro-Optical Characteristics			Figure No.
	Common Cathode	Common Anode	Raw Material	Emitted Color		λ_d nm	Pd nW	If mA	If Peak	Vf(V)	Iv(μ cd)		
1.2" High $\phi 3.0$	MC-12570H	MA-12570H	Gap	Bright Red	700	90	45	15	50	2.1	2.8	600	MD-02
	MC-12570E	MA-12570E	GaAsP/Gap	Hi. effi Red	635	45	100	30	160	2.0	2.8	2800	
	MC-12570G	MA-12570G	Gap	Green	565	30	100	30	160	2.1	2.8	2600	
	MC-12570Y	MA-12570Y	GaAsP/Gap	Yellow	585	30	100	30	160	2.1	2.8	2600	
	MC-12570SR	MA-12570SR	GaAlAs	Super Red	660	20	60	20	160	1.8	2.4	8000	

MD-02



MC-12570X

MA-12570X

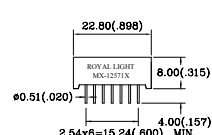
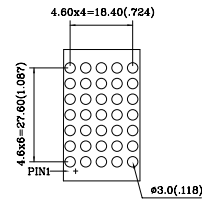


NOTES: 1. All Dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}$ ($0.010"$) unless otherwise specified.

Single Color 5x7 Dot Matrix Display

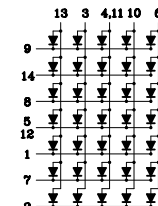
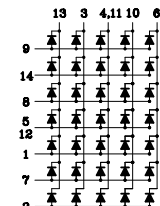
Digit Size	Part No.		Chip		Wave Length (nm)	Absolute Maximum Ratings					Electro-Optical Characteristics		Figure No.
	Common Cathode	Common Anode	Raw Material	Emitted Color		λ_d nm	Pd nW	If mA	If Peak	Vf(V)	Iv(μ cd)		
										Typ	Max		
1.2" High $\phi 3.0$	MC-12571H	MA-12571H	Gap	Bright Red	700	90	45	15	50	2.1	2.8	600	MD-03
	MC-12571E	MA-12571E	GaAsP/Gap	Hi. effi Red	635	45	100	30	160	2.0	2.8	2800	
	MC-12571G	MA-12571G	Gap	Green	565	30	100	30	160	2.1	2.8	2600	
	MC-12571Y	MA-12571Y	GaAsP/Gap	Yellow	585	30	100	30	160	2.1	2.8	2600	
	MC-12571SR	MA-12571SR	GaAlAs	Super Red	660	20	60	20	160	1.8	2.4	8000	

MD-03



MC-12571X

MA-12571X

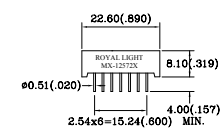
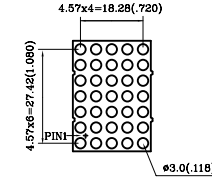


NOTES: 1. All Dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}$ ($0.010"$) unless otherwise specified.

Single Color 5x7 Dot Matrix Display

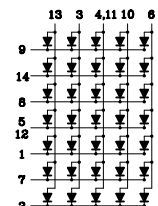
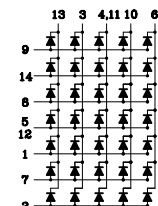
Digit Size	Part No.		Chip		Wave Length λ_p (nm)	Absolute Maximum Ratings					Electro-Optical Characteristics			Figure No.
	Common Cathode	Common Anode	Raw Material	Emitted Color		λ_d nm	Pd nW	If μ A	If Peak	Vf (V)	Iv (μ cd)			
										Typ	Max	Typ		
1.25" High $\phi 3.0$	MC-12572H	MA-12572H	Gap	Bright Red	700	90	45	15	50	2.1	2.8	700	MD-04	
	MC-12572E	MA-12572E	GaAsP/Gap	Hi. effi Red	635	45	100	30	160	2.0	2.8	3000		
	MC-12572G	MA-12572G	Gap	Green	565	30	100	30	160	2.1	2.8	2800		
	MC-12572Y	MA-12572Y	GaAsP/Gap	Yellow	585	30	100	30	160	2.1	2.8	2800		
	MC-12572SR	MA-12572SR	GaAlAs	Super Red	660	20	60	20	160	1.8	2.4	8000		

MD-04



MC-12572X

MA-12572X



NOTES: 1. All Dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}$ ($0.010"$) unless otherwise specified.