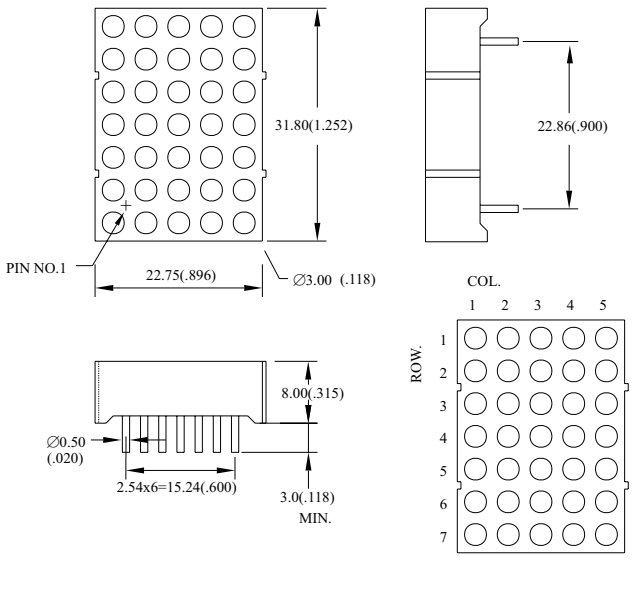
LED DOT MATRIX DISPLAY

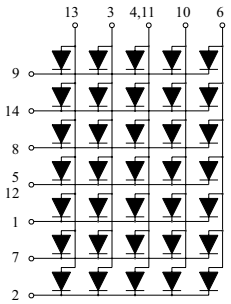
Single Color 5x7 Dot Matrix Displays

Digit Size	Part No.		Chip		Absolute Maximum Ratings				Electro-optical Data(At 10mA)			Drawing No.
	Column Common Anode	Column Common Cathode	Material/Emitted Color	Peak Wave Length λ p(nm)	Δ λ (nm)	Pd (mw)	If (mA)	Ifp (mA)	Vf (v) Typ.	Vf (v) Max.	Iv. Typ. Per.Seg. (mcd)	
1.40" High ϕ 3.0	BM-11257MD	BM-11257ND	GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	9.0	DM-03
	BM-11457MD	BM-11457ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	9.0	
	BM-11457MA	BM-11457NA	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	16.0	
	BM-11657MD	BM-11657ND	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	14.0	
	BM-11657MA	BM-11657NA	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	18.0	
	BM-11F57MD	BM-11F57ND	GaAlAs/ DDH/ Super Red	660	20	80	30	150	2.0	2.5	20.0	
	BM-11J57MD	BM-11J57ND	AlGaInP/GaAs/ Ultra Orange	620	17	80	30	150	2.0	2.5	28.0	
	BM-11K57MD	BM-11K57ND	AlGaInP/GaAs/ Ultra Yellow	592	15	80	30	150	2.1	2.5	30.0	
2.00" High ϕ 5.0	BM-20257MD	BM-20257ND	GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	12.0	DM-04
	BM-20457MD	BM-20457ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	12.0	
	BM-20457MA	BM-20457NA	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	20.0	
	BM-20657MD	BM-20657ND	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	16.0	
	BM-20657MA	BM-20657NA	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	24.0	
	BM-20F57MD	BM-20F57ND	GaAlAs/ DDH/ Super Red	660	20	80	30	150	2.0	2.5	22.0	
	BM-20J57MD	BM-20J57ND	AlGaInP/GaAs/ Ultra Orange	620	17	80	30	150	2.0	2.5	30.0	
	BM-20K57MD	BM-20K57ND	AlGaInP/GaAs/ Ultra Yellow	592	15	80	30	150	2.1	2.5	32.0	

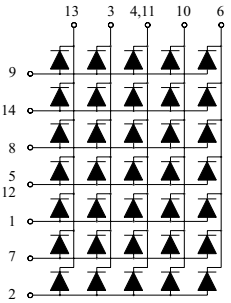
DM-03 BM-11x57$^{M}_{N}$D



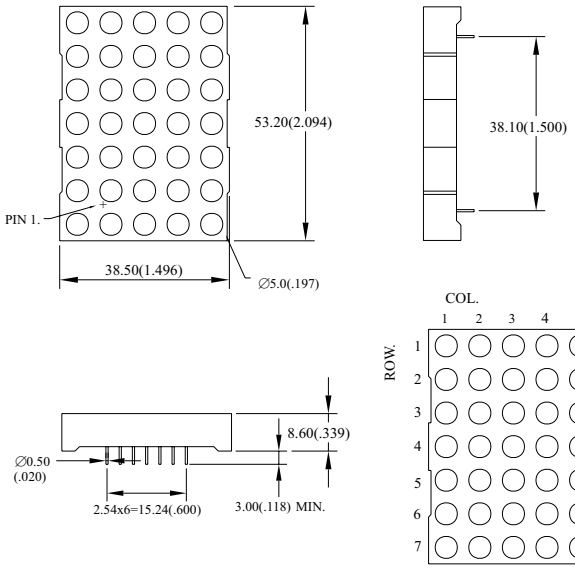
BM-11x57MD



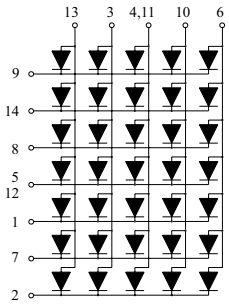
BM-11x57ND



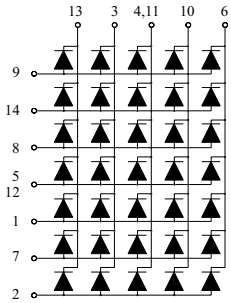
DM-04 BM-20x57$^{M}_{N}$ D



BM-20x57Mx



BM-20x57Nx



NOTES: 1.All Dimensions are in millimeters(inches). 2.Tolerance is ± 0.25mm(.010″).
3.Specifications are subject to change without notice. 4.NP:No Pin. 5.NC:No Connect.