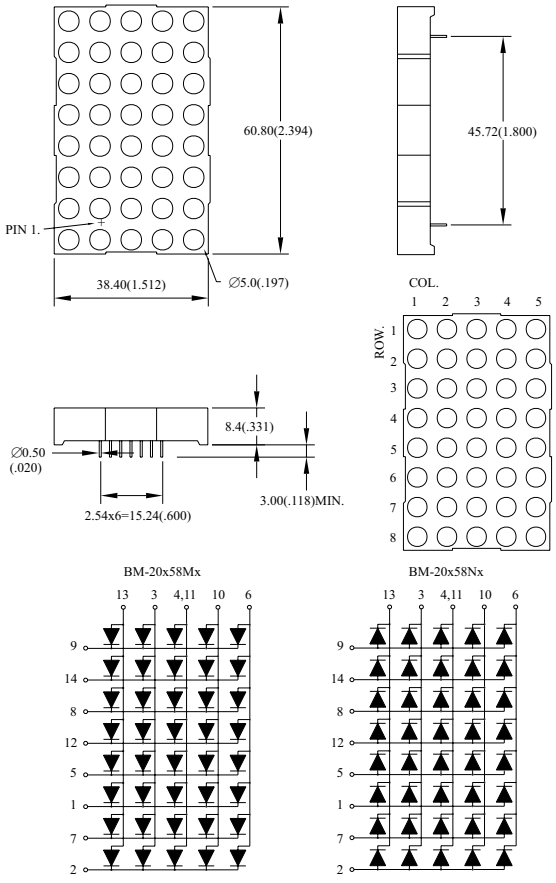
LED DOT MATRIX DISPLAY

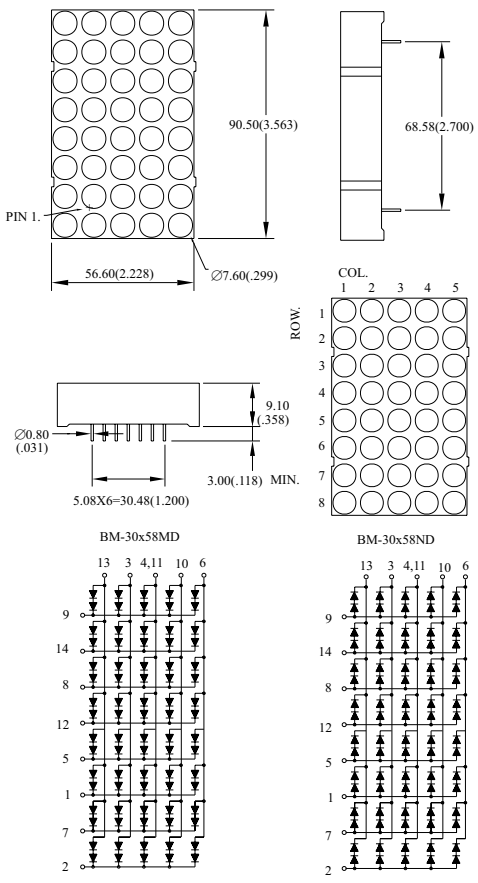
Single Color 5x8 Dot Matrix Displays

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)	
2.30″ High ϕ5.0	BM-20258MD	BM-20258ND	GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	10.0	DM-11
	BM-20458MD	BM-20458ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	10.0	
	BM-20458MA	BM-20458NA	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	15.0	
	BM-20658MD	BM-20658ND	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	18.0	
	BM-20658MA	BM-20658NA	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	25.0	
	BM-20F58MD	BM-20F58ND	GaAlAs/ DDH/ Super Red	660	20	80	30	150	2.0	2.5	23.0	
	BM-20J58MD	BM-20J58ND	AlGaInP/GaAs/ Ultra Orange	620	17	80	30	150	2.0	2.5	25.0	
	BM-20K58MD	BM-20K58ND	AlGaInP/GaAs/ Ultra Yellow	592	15	80	30	150	2.1	2.5	25.0	
3.50″ High ϕ7.6	BM-30258MD	BM-30258ND	GaP/ GaP/ Yellow Green	568	30	160	30	150	4.2	5.0	12.0	DM-12
	BM-30458MD	BM-30458ND	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	12.0	
	BM-30458MA	BM-30458NA	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	16.0	
	BM-30658MD	BM-30658ND	GaAlAs/ SH/ Super Red	660	20	160	30	150	3.4	5.0	20.0	
	BM-30658MA	BM-30658NA	GaAlAs/ SH/ Super Red	660	20	160	30	150	3.4	5.0	25.0	
	BM-30F58MD	BM-30F58ND	GaAlAs/ DDH/ Super Red	660	20	160	30	150	4.0	5.0	25.0	
	BM-30J58MD	BM-30J58ND	AlGaInP/GaAs/ Ultra Orange	620	17	160	30	150	4.0	5.0	26.0	
	BM-30K58MD	BM-30K58ND	AlGaInP/GaAs/ Ultra Yellow	592	15	160	30	150	4.2	5.0	26.0	

DM-11 BM-20x58$^{M}_{N}$D



DM-12 BM-30x58$^{M}_{N}$D



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.