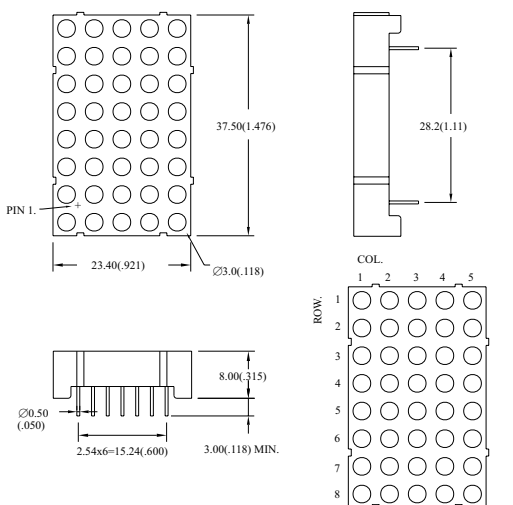
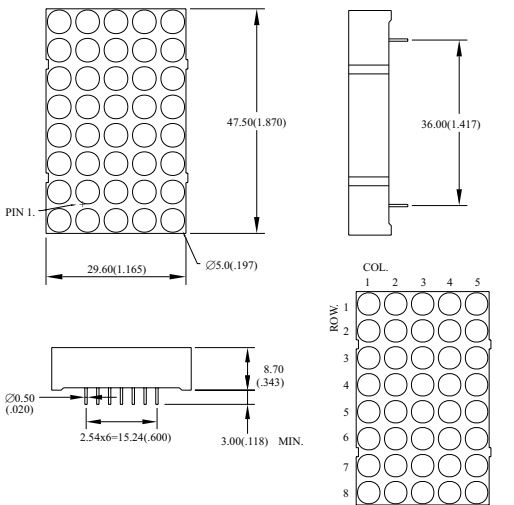
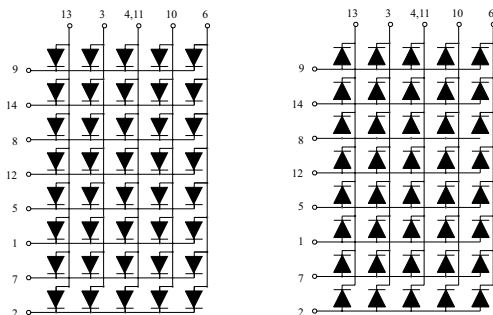
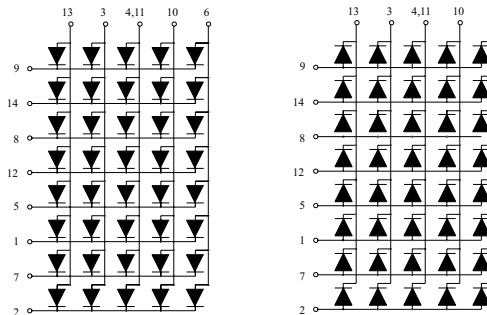


LED DOT MATRIX DISPLAY

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)	$\Delta \lambda$ (nm)	Pd (mw)	If (mA)	Ifp (mA)	Vf (v)		Iv. Typ. Per.Seg. (mcd)	
									Typ.	Max.		
1.50" High ϕ 3.0	BM-10258MD	BM-10258ND	GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	9.0	DM-09
	BM-10458MD	BM-10458ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	9.0	
	BM-10458MA	BM-10458NA	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	9.0	
	BM-10658MD	BM-10658ND	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	13.0	
	BM-10658MA	BM-10658NA	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	17.0	
	BM-10F58MD	BM-10F58ND	GaAlAs/ DDH/ Super Red	660	20	80	30	150	2.0	2.5	20.0	
	BM-10J58MD	BM-10J58ND	AlGaInP/GaAs/ Ultra Orange	620	17	80	30	150	2.0	2.5	22.0	
	BM-10K58MD	BM-10K58ND	AlGaInP/GaAs/ Ultra Yellow	592	15	80	30	150	2.1	2.5	22.0	
1.90" High ϕ 5.0	BM-22258MD	BM-22258ND	GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	10.0	DM-10
	BM-22458MD	BM-22458ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	10.0	
	BM-22458MA	BM-22458NA	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	15.0	
	BM-22658MD	BM-22658ND	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	18.0	
	BM-22658MA	BM-22658NA	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	25.0	
	BM-22F58MD	BM-22F58ND	GaAlAs/ DDH/ Super Red	660	20	80	30	150	2.0	2.5	23.0	
	BM-22J58MD	BM-22J58ND	AlGaInP/GaAs/ Ultra Orange	620	17	80	30	150	2.0	2.5	25.0	
	BM-22K58MD	BM-22K58ND	AlGaInP/GaAs/ Ultra Yellow	592	15	80	30	150	2.1	2.5	25.0	

DM-09	BM-10x58 ^M _N D	DM-10	BM-22x58 ^M _N D
 DM-09 BM-10x58MD and BM-10x58ND mechanical drawings showing dimensions and pin configurations.		 DM-10 BM-22x58MD and BM-22x58ND mechanical drawings showing dimensions and pin configurations.	
 DM-09 BM-10x58MD and BM-10x58ND dot matrix diagrams showing 5x8 grid and pin connections.		 DM-10 BM-22x58MD and BM-22x58ND dot matrix diagrams showing 5x8 grid and pin connections.	

NOTES: 1.All Dimensions are in millimeters(inches).

3.Specifications are subject to change without notice.

2.Tolerance is $\pm 0.25\text{mm}(.010")$.

4.NP:No Pin. 5.NC:No Connect.