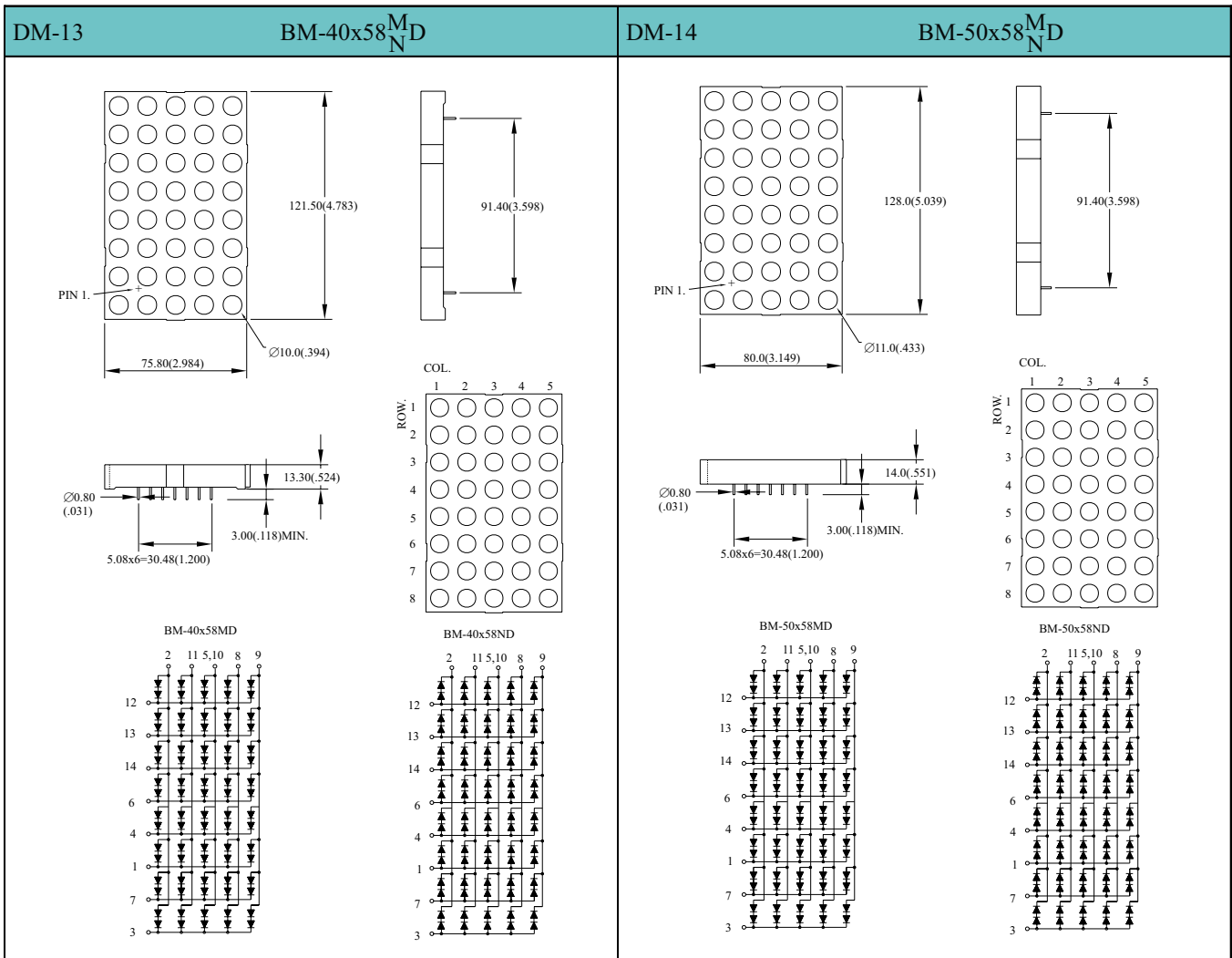




# LED DOT MATRIX DISPLAY

## 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 $\lambda_p$ (nm)	$\Delta \lambda$ (nm)	Pd (mw)	If (mA)	Ifp (mA)	Vf (v)		Iv. Typ. Per.Seg. (mcd)	
									Typ.	Max.		
4.78" High $\phi$ 10.0	BM-40258MD	BM-40258ND	GaP/ GaP/ Yellow Green	568	30	160	30	150	4.2	5.0	12.0	DM-13
	BM-40458MD	BM-40458ND	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	12.0	
	BM-40458MA	BM-40458NA	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	16.0	
	BM-40658MD	BM-40658ND	GaAlAs/ SH/ Super Red	660	20	160	30	150	3.4	5.0	20.0	
	BM-40658MA	BM-40658NA	GaAlAs/ SH/ Super Red	660	20	160	30	150	3.4	5.0	25.0	
	BM-40F58MD	BM-40F58ND	GaAlAs/ DDH/ Super Red	660	20	160	30	150	4.0	5.0	25.0	
	BM-40J58MD	BM-40J58ND	AlGaInP/GaAs/ Ultra Orange	620	17	160	30	150	4.0	5.0	26.0	
	BM-40K58MD	BM-40K58ND	AlGaInP/GaAs/ Ultra Yellow	592	15	160	30	150	4.2	5.0	26.0	
5.00" High $\phi$ 11.0	BM-50258MD	BM-50258ND	GaP/ GaP/ Yellow Green	568	30	160	30	150	4.2	5.0	12.0	DM-14
	BM-50458MD	BM-50458ND	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	12.0	
	BM-50458MA	BM-50458NA	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	16.0	
	BM-50658MD	BM-50658ND	GaAlAs/ SH/ Super Red	660	20	160	30	150	3.4	5.0	20.0	
	BM-50658MA	BM-50658NA	GaAlAs/ SH/ Super Red	660	20	160	30	150	3.4	5.0	25.0	
	BM-50F58MD	BM-50F58ND	GaAlAs/ DDH/ Super Red	660	20	160	30	150	4.0	5.0	25.0	
	BM-50J58MD	BM-50J58ND	AlGaInP/GaAs/ Ultra Orange	620	17	160	30	150	4.0	5.0	26.0	
	BM-50K58MD	BM-50K58ND	AlGaInP/GaAs/ Ultra Yellow	592	15	160	30	150	4.2	5.0	26.0	



NOTES: 1.All Dimensions are in millimeters(inches).  
 2.Tolerance is  $\pm 0.25\text{mm}(.010")$ .  
 3.Specifications are subject to change without notice.  
 4.NP:No Pin. 5.NC:No Connect.