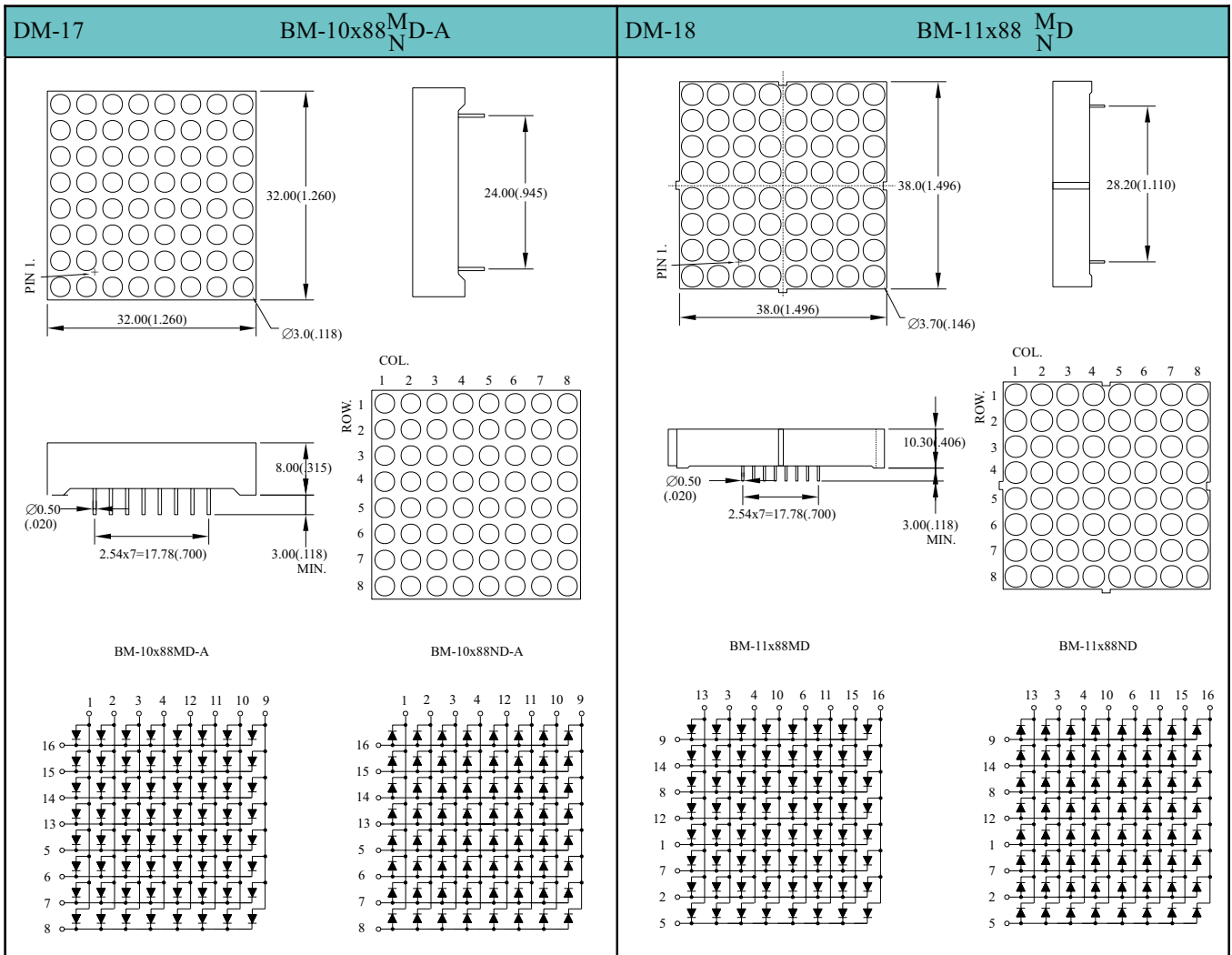


## Single Color 8x8 Dot Matrix Displays

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.		
1.20" High $\phi$ 3.0	BM-10288MD-A	BM-10288ND-A	GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	9.0	DM-17
	BM-10488MD-A	BM-10488ND-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	9.0	
	BM-10488MA-A	BM-10488NA-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	14.0	
	BM-10688MD-A	BM-10688ND-A	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	14.0	
	BM-10688MA-A	BM-10688NA-A	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	18.0	
	BM-10F88MD-A	BM-10F88ND-A	GaAlAs/ DDH/ Super Red	660	20	80	30	150	2.0	2.5	20.0	
	BM-10J88MD-A	BM-10J88ND-A	AlGaInP/GaAs/ Ultra Orange	620	17	80	30	150	2.0	2.5	22.0	
	BM-10K88MD-A	BM-10K88ND-A	AlGaInP/GaAs/ Ultra Yellow	592	15	80	30	150	2.1	2.5	22.0	
1.50" High $\phi$ 3.7	BM-11288MD	BM-11288ND	GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	10.0	DM-18
	BM-11488MD	BM-11488ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	10.0	
	BM-11488MA	BM-11488NA	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	15.0	
	BM-11688MD	BM-11688ND	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	15.0	
	BM-11688MA	BM-11688NA	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	19.0	
	BM-11F88MD	BM-11F88ND	GaAlAs/ DDH/ Super Red	660	20	80	30	150	2.0	2.5	21.0	
	BM-11J88MD	BM-11J88ND	AlGaInP/GaAs/ Ultra Orange	620	17	80	30	150	2.0	2.5	23.0	
	BM-11K88MD	BM-11K88ND	AlGaInP/GaAs/ Ultra Yellow	592	15	80	30	150	2.1	2.5	23.0	



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.