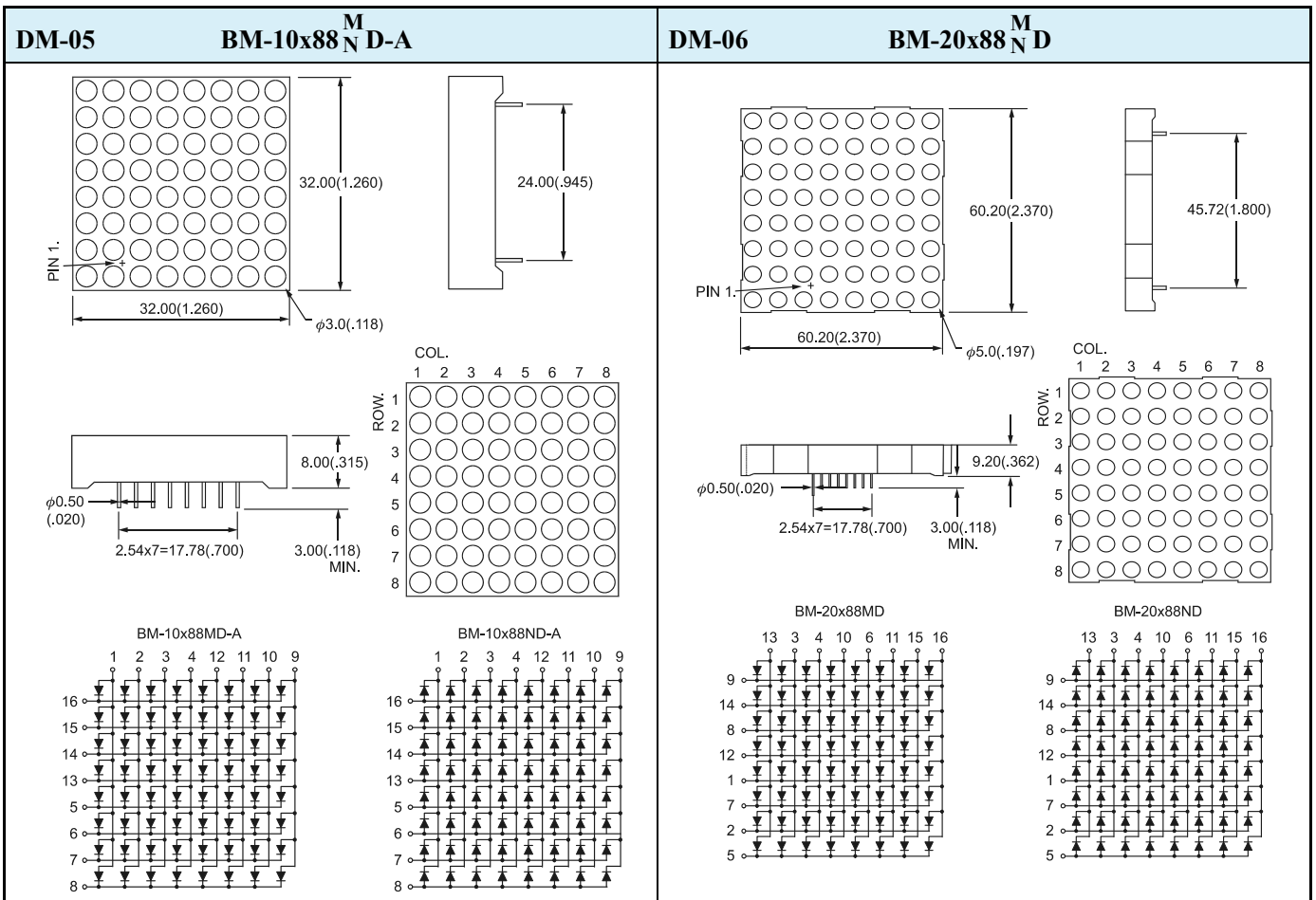


LED DOT MATRIX DISPLAY

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 λ P (nm)	$\Delta\lambda$ (nm)	Pd (mw)	If (mA)	Ifp (mA)	Vf (v)		Iv. Typ. Per. Seg. (mcd)	
									Typ.	Max.		
1.20" High ϕ 3.0	BM-10288MD-A	BM-10288ND-A	GaP/GaP/Yellow Green	568	30	80	30	150	2.1	2.5	9.0	DM-05
	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	
2.30" High ϕ 5.0	BM-20288MD	BM-20288ND	GaP/GaP/Yellow Green	568	30	80	30	150	2.1	2.5	12.0	DM-06
	BM-20488MD	BM-20488ND	GaAsP/GaP/Hi-Eff.Red	635	45	80	30	150	2.0	2.5	12.0	
	BM-20488MA	BM-20488NA	GaAsP/GaP/Hi-Eff.Red	635	45	80	30	150	2.0	2.5	17.0	
	BM-20688MD	BM-20688ND	GaAlAs/SH Super Red	660	20	80	30	150	1.7	2.5	17.0	
	BM-20688MA	BM-20688NA	GaAlAs/SH Super Red	660	20	80	30	150	1.7	2.5	21.0	
	BM-20F88MD	BM-20F88ND	GaAlAs/DDH/Super Red	660	20	80	30	150	2.0	2.5	23.0	
	BM-20J88MD	BM-20J88ND	AlGaInP/GaAs/Ultra Orange	620	17	80	30	150	2.0	2.5	25.0	
	BM-20K88MD	BM-20K88ND	AlGaInP/GaAs/Ultra Yellow	592	15	80	30	150	2.1	2.5	25.0	



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