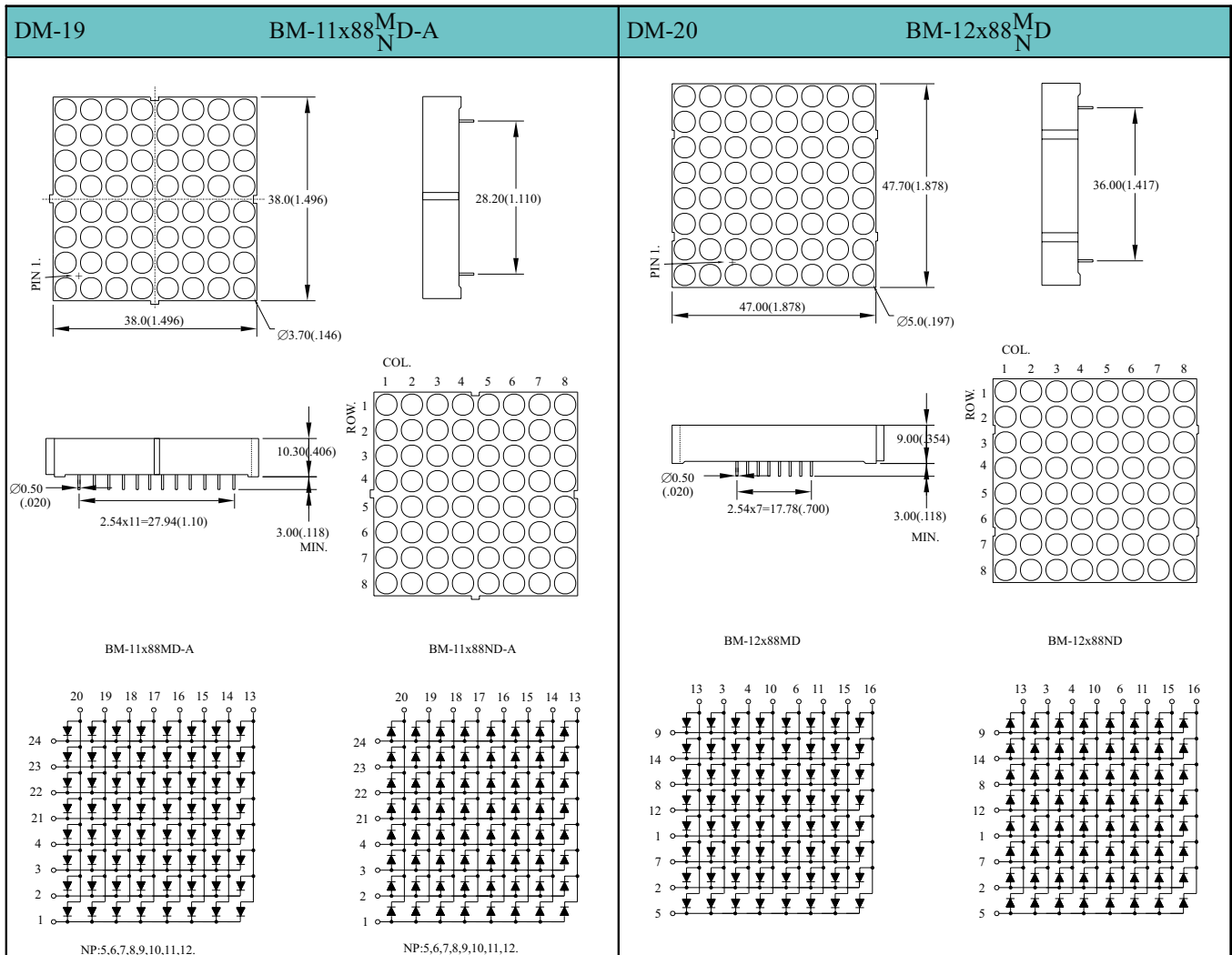


Single Color 8x8 Dot Matrix Displays

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.		
1.50" High ϕ 3.7	BM-11288MD-A	BM-11288ND-A	GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	10.0	DM-19
	BM-11488MD-A	BM-11488ND-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	10.0	
	BM-11488MA-A	BM-11488NA-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	15.0	
	BM-11688MD-A	BM-11688ND-A	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	15.0	
	BM-11688MA-A	BM-11688NA-A	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	19.0	
	BM-11F88MD-A	BM-11F88ND-A	GaAlAs/ DDH/ Super Red	660	20	80	30	150	2.0	2.5	21.0	
	BM-11J88MD-A	BM-11J88ND-A	AlGaInP/GaAs/ Ultra Orange	620	17	80	30	150	2.0	2.5	23.0	
BM-11K88MD-A	BM-11K88ND-A	AlGaInP/GaAs/ Ultra Yellow	592	15	80	30	150	2.1	2.5	23.0		
1.90" High ϕ 5.0	BM-12288MD	BM-12288ND	GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	12.0	DM-20
	BM-12488MD	BM-12488ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	12.0	
	BM-12488MA	BM-12488NA	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	17.0	
	BM-12688MD	BM-12688ND	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	17.0	
	BM-12688MA	BM-12688NA	GaAlAs/ SH/ Super Red	660	20	80	30	150	1.7	2.5	21.0	
	BM-12F88MD	BM-12F88ND	GaAlAs/ DDH/ Super Red	660	20	80	30	150	2.0	2.5	23.0	
	BM-12J88MD	BM-12J88ND	AlGaInP/GaAs/ Ultra Orange	620	17	80	30	150	2.0	2.5	25.0	
BM-12K88MD	BM-12K88ND	AlGaInP/GaAs/ Ultra Yellow	592	15	80	30	150	2.1	2.5	25.0		



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.