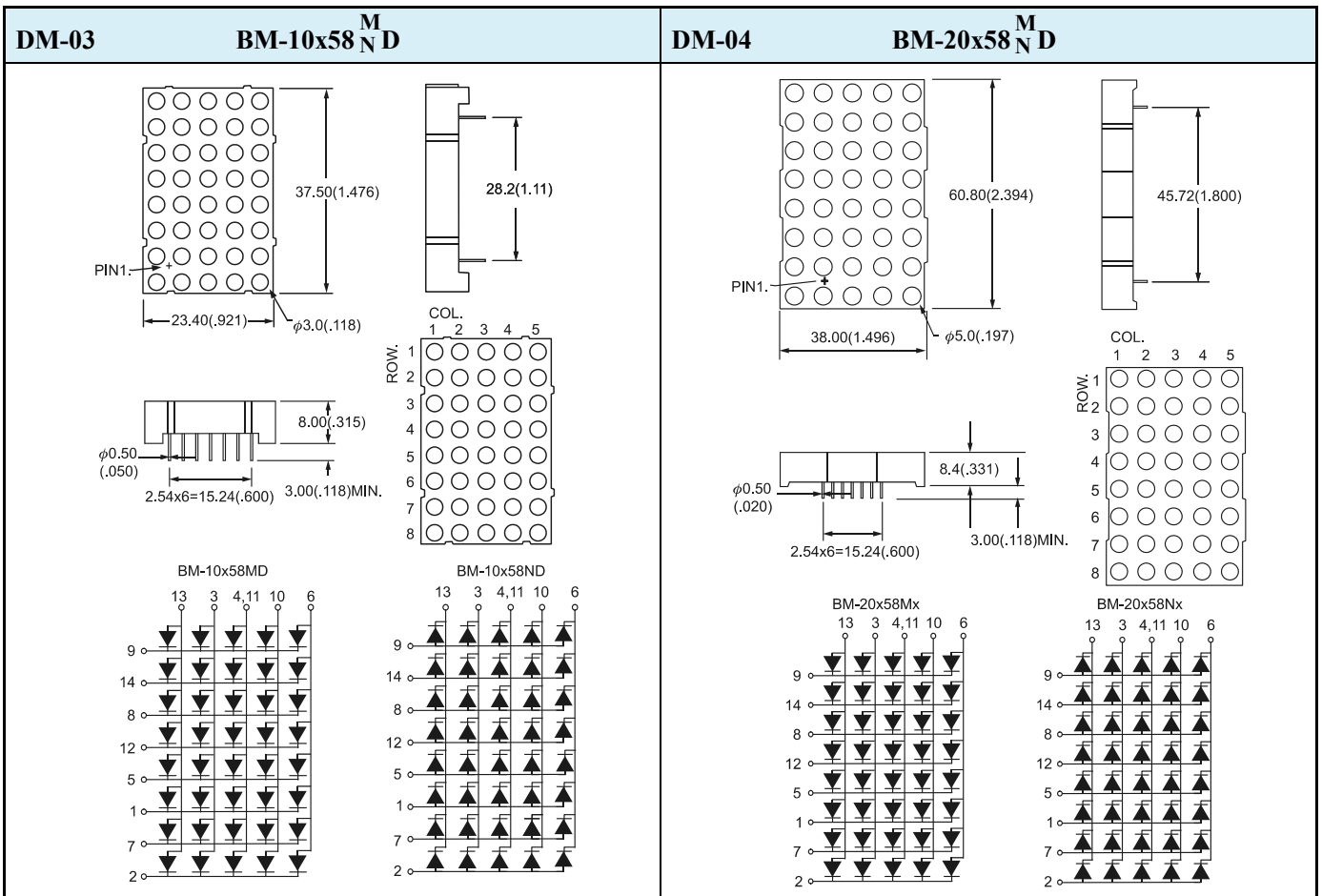


# LED DOT MATRIX DISPLAY

## 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.		
1.50" High $\phi$ 3.0	BM-10258MD	BM-10258ND	GaP/GaP/Yellow Green	568	30	80	30	150	2.1	2.5	9.0	DM-03
	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	
2.30" High $\phi$ 5.0	BM-20258MD	BM-20258ND	GaP/GaP/Yellow Green	568	30	80	30	150	2.1	2.5	10.0	DM-04
	BM-20458MD	BM-20458ND	GaAsP/GaP/Hi-Eff.Red	635	45	80	30	150	2.0	2.5	10.0	
	BM-20458MA	BM-20458NA	GaAsP/GaP/Hi-Eff.Red	635	45	80	30	150	2.0	2.5	15.0	
	BM-20658MD	BM-20658ND	GaAlAs/SH Super Red	660	20	80	30	150	1.7	2.5	18.0	
	BM-20658MA	BM-20658NA	GaAlAs/SH Super Red	660	20	80	30	150	1.7	2.5	25.0	
	BM-20F58MD	BM-20F58ND	GaAlAs/DDH/Super Red	660	20	80	30	150	2.0	2.5	23.0	
	BM-20J58MD	BM-20J58ND	AlGaInP/GaAs/Ultra Orange	620	17	80	30	150	2.0	2.5	25.0	
	BM-20K58MD	BM-20K58ND	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