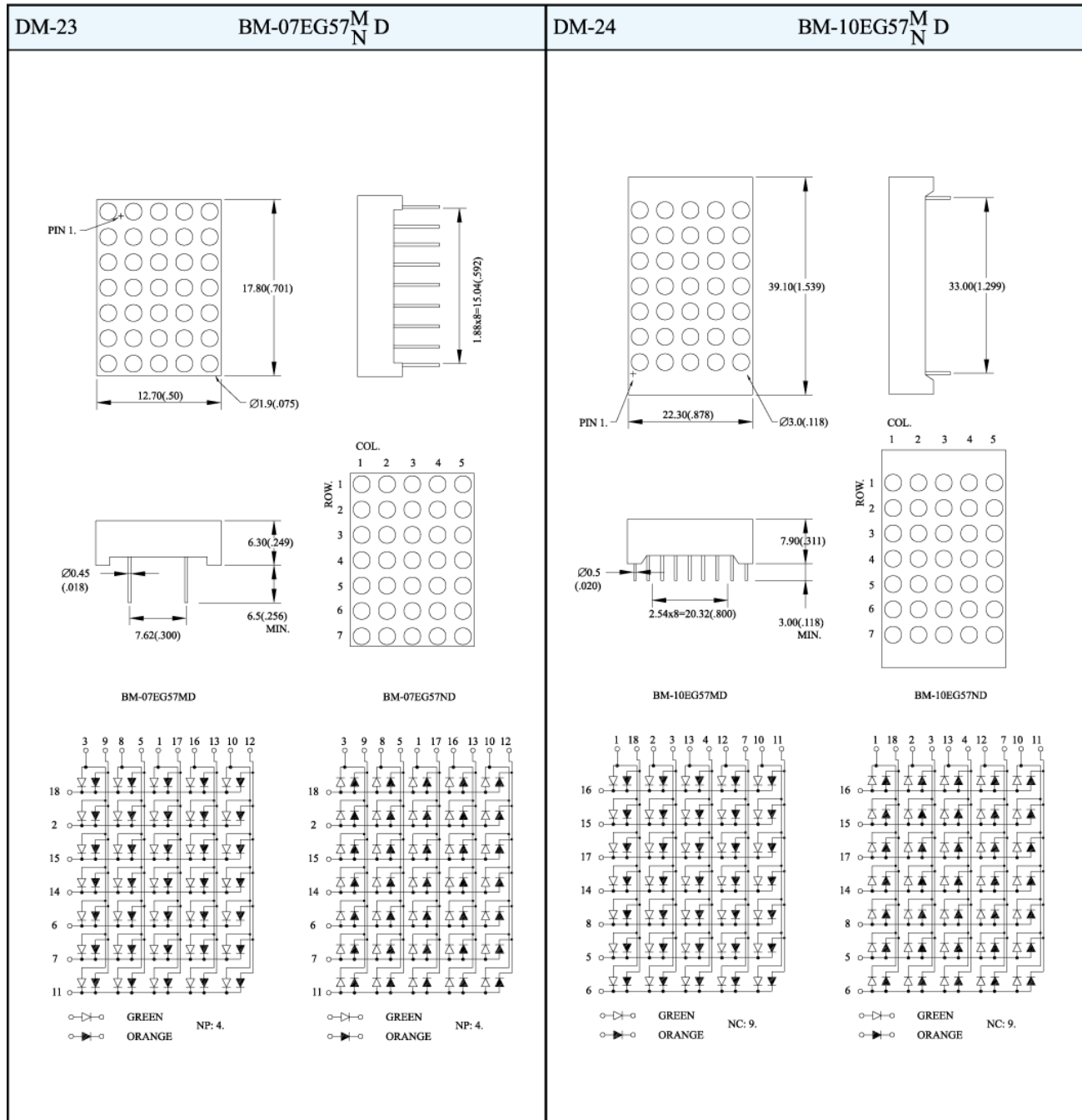




LED Dot Matrix Display BM Series

Multi-Color, 5 x 7 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.		
0.70" High ϕ 1.90	BM-07EG57MD	BM-07EG57ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	8.0	DM-23
			GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	8.0	
1.20" High ϕ 3.00	BM-10EG57MD	BM-10EG57ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	9.0	DM-24
			GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	9.0	



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.

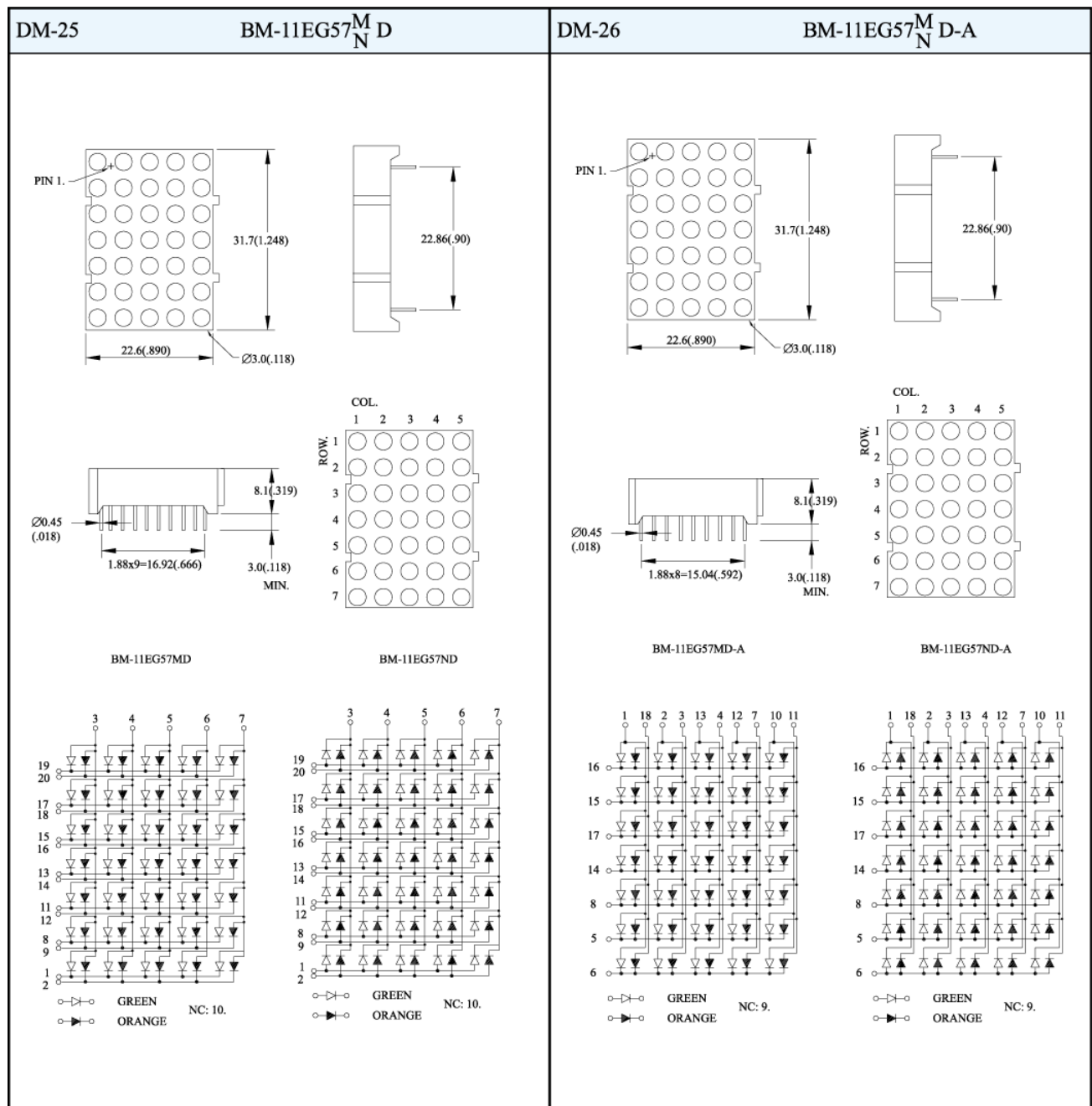
AMERICAN BRIGHT



LED Dot Matrix Display BM Series

Multi-Color, 5 x 7 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.		
1.25" High ϕ 3.00	BM-11EG57MD	BM-11EG57ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	9.0	DM-25
			GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	9.0	
1.25" High ϕ 3.00	BM-11EG57MD-A	BM-11EG57ND-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	9.0	DM-26
			GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	9.0	



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.

AMERICAN BRIGHT

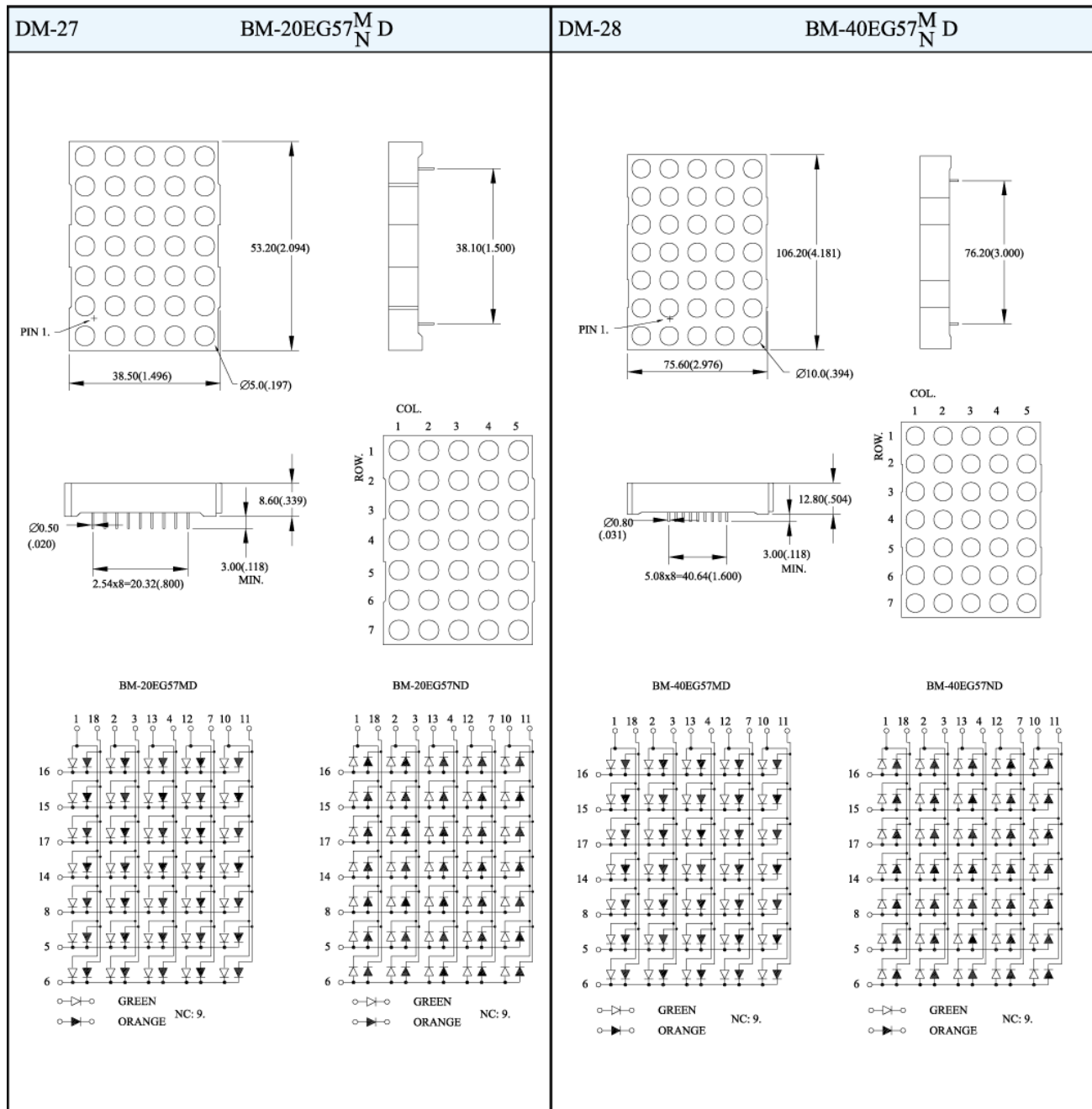
(714) 257-0800 FAX (714) 257-1310 • © 2000 American Bright Optoelectronics Corporation. Specifications subject to change without notice. 183



LED Dot Matrix Display BM Series

Multi-Color, 5 x 7 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.		
2.10" High ϕ 5.00	BM-20EG57MD	BM-20EG57ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	12.0	DM-27
			GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	12.0	
4.00" High ϕ 10.0	BM-40EG57MD	BM-40EG57ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	15.0	DM-28
			GaP/ GaP/ Yellow Green	568	30	80	30	150	2.1	2.5	15.0	



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.

AMERICAN BRIGHT