

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)	I _{fp} (mA)	V _f (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	

DM-23	DM-24
BM-07EG57^M_N D PIN 1. 17.80(.701) 12.70(.50) Ø1.9(.075) 1.88x8=15.04(.592) 6.30(.249) 6.5(.256) MIN. 7.62(.300) Ø0.45 (.018) COL. 1 2 3 4 5 ROW. 1 2 3 4 5 6 7 BM-07EG57MD BM-07EG57ND 3 9 8 5 1 17 16 13 10 12 18 2 15 14 6 7 11 GREEN NP: 4 ORANGE NP: 4	BM-10EG57^M_N D PIN 1. 39.10(1.539) 22.30(.878) Ø3.0(.118) 33.00(1.299) 7.90(.311) 2.54x8=20.32(.800) 3.00(.118) MIN. Ø0.5 (.020) COL. 1 2 3 4 5 ROW. 1 2 3 4 5 6 7 BM-10EG57MD BM-10EG57ND 1 18 2 3 13 4 12 7 10 11 16 15 17 14 8 5 6 GREEN NC: 9 ORANGE NC: 9

NOTES: 1.All Dimensions are in millimeters(inches).

3. Specifications are subject to change without notice.

2.Tolerance is $\pm 0.25\text{mm}(.010")$.

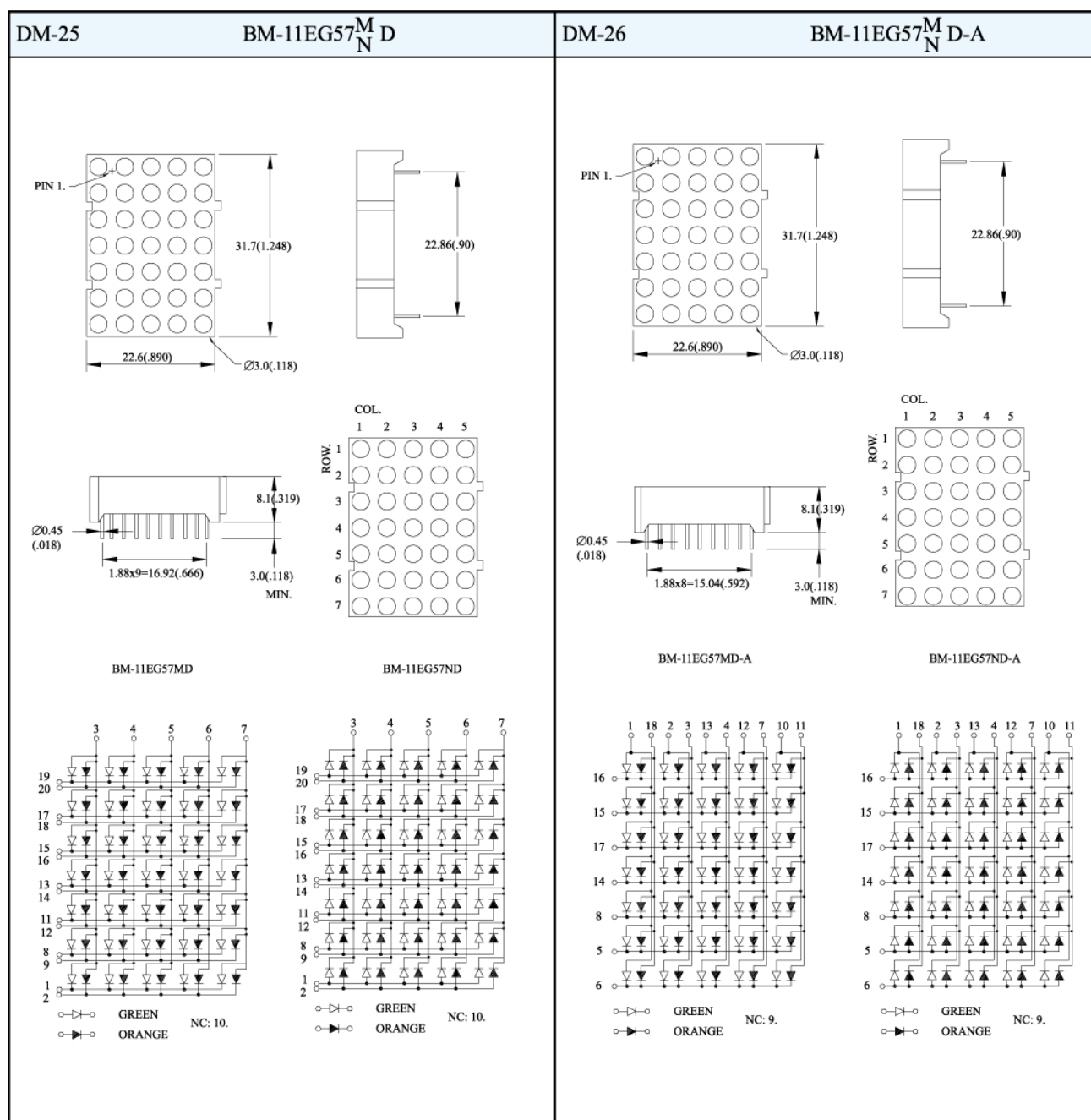
4.NP:No Pin. 5.NC:No Connect.



LED Dot Matrix Display BM Series

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									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	



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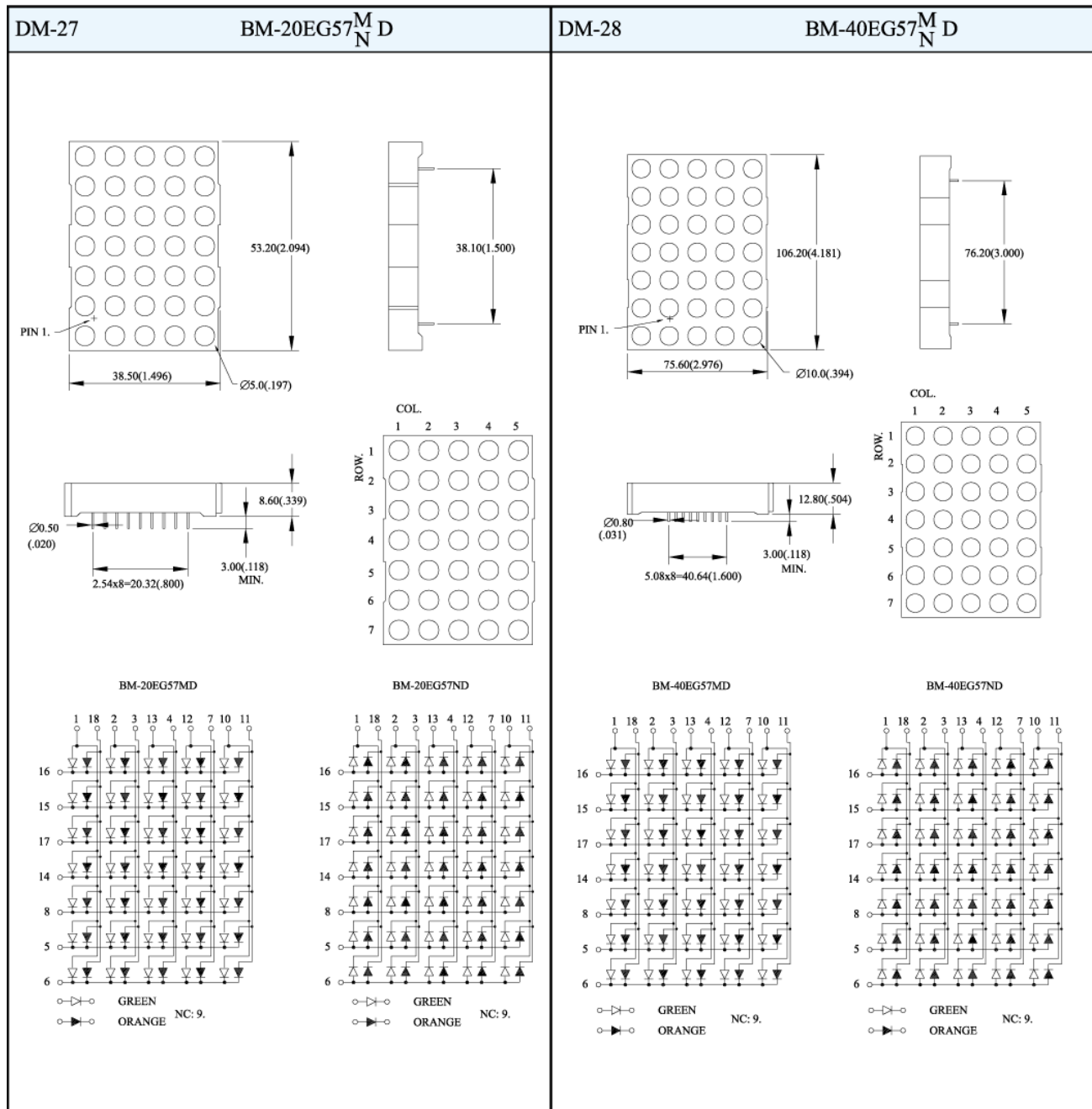
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LED Dot Matrix Display BM Series

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	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	



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