



LED Clock Display BC-M/N, E/F, A/C Series

Clock Display

Digit Size	Part No.		Chip		Absolute Maximum Ratings				Electro-optical Data(At 10mA)			Drawing No.
	Common Anode	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.		
0.60" High	BC-M06533F	BC-N06533F	GaP/GaP / Bright Red	700	90	40	15	50	2.0	2.5	1.5	CD-01
	BC-M06433F	BC-N06433F	GaAsP/GaP / Orange	635	45	80	30	150	1.9	2.5	3.5	
	BC-M06233F	BC-N06233F	GaP/GaP / Green	568	30	80	30	150	2.0	2.5	3.5	
0.90" High	BC-E09533A	BC-F09533A	GaP/GaP / Bright Red	700	90	40	15	50	2.0	2.5	1.5	CD-02
	BC-E09433A	BC-F09433A	GaAsP/GaP / Orange	635	45	80	30	150	1.9	2.5	3.5	
	BC-E09233A	BC-F09233A	GaP/GaP / Green	568	30	80	30	150	2.0	2.5	3.5	
1.80" High	BC-E18533A	BC-F18533A	GaP/GaP / Bright Red	700	90	80	15	50	4.0	5.0	2.5	CD-03
	BC-E18433A	BC-F18433A	GaAsP/GaP / Orange	635	45	160	30	150	3.8	5.0	5.0	
	BC-E18233A	BC-F18233A	GaP/GaP / Green	568	30	160	30	150	4.0	5.0	5.0	
2.50" High	BC-A25533A	BC-C25533A	GaP/GaP / Bright Red	700	90	120	15	50	6.0	7.5	3.5	CD-04
	BC-A25433A	BC-C25433A	GaAsP/GaP / Orange	635	45	240	30	150	5.7	7.5	6.0	
	BC-A25233A	BC-C25233A	GaP/GaP / Green	568	30	240	30	150	6.0	7.5	6.0	

CD-01 BC-M_N06x33F Dimensions: 84.50(3.327), 72.00(2.835), 92.00(3.622), 15.00(0.591), 25.40(1.00), 19.00(0.748), 6.00(0.236), 3.20(0.126), 0.70(0.027) SQ., 2.54x11=27.94(1.100), 2.54x8=20.32(0.800), 3.30(0.130), 9.00(0.354) TYP., 2.2(0.087), 1.60(0.063). Pinout: PM, AM, D1, D2, D3, D4, NC: 28,29, NP: 13,14,15,16,17,18,19,20.	CD-02 BC-E_F09x33A Dimensions: 90.50(3.563), 8.00(0.314), 23.00(0.900), 24.30(0.957), 27.00(1.063), 1.60(0.063), 105.00(4.134), 2.54x29=73.66(2.900). Pinout: PM, AM, D1, D2, D3, D4, NC: 11,14,22,23,24,25.
CD-03 BC-E_F18x33A Dimensions: 174.00(6.850), 9.50(0.374), 46.00(1.835), 40.00(1.575), 50.00(1.969), 56.20(2.213), 1.60(0.063), 2.54x29=73.66(2.900), 160.0(6.299). Pinout: PM, AM, D1, D2, D3, D4, NC: 11,14,22,23,24,25.	CD-04 BC-A_C25x33A Dimensions: 205.00(8.071), 63.40(2.500), 74.00(2.913), 2.54x36=91.44(3.600), 217.00(8.543). Pinout: PM, AM, D1, D2, D3, D4, NC: 2,37.

NOTES: 1.All Dimensions are in millimeters(inches).
3.Specifications are subject to change without notice.

2.Tolerance is $\pm 0.25\text{mm}(0.010")$.
4.NP:No Pin. 5.NC:No Connect.

AMERICAN BRIGHT