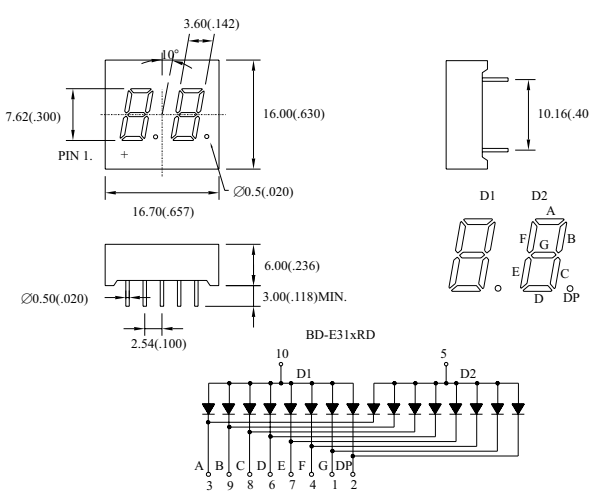
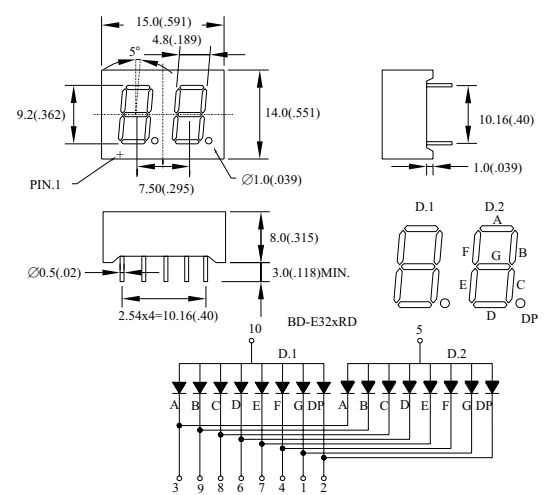
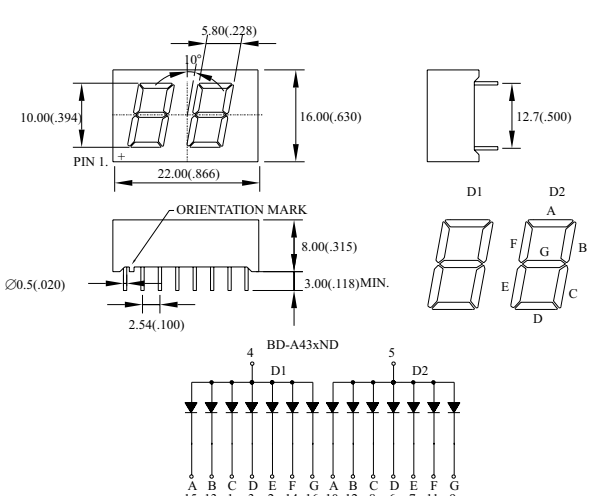
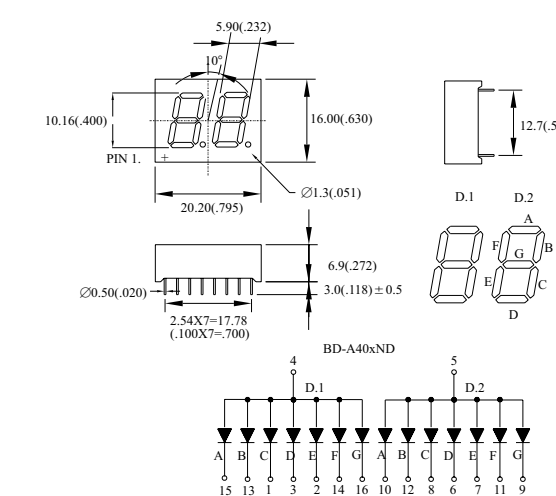
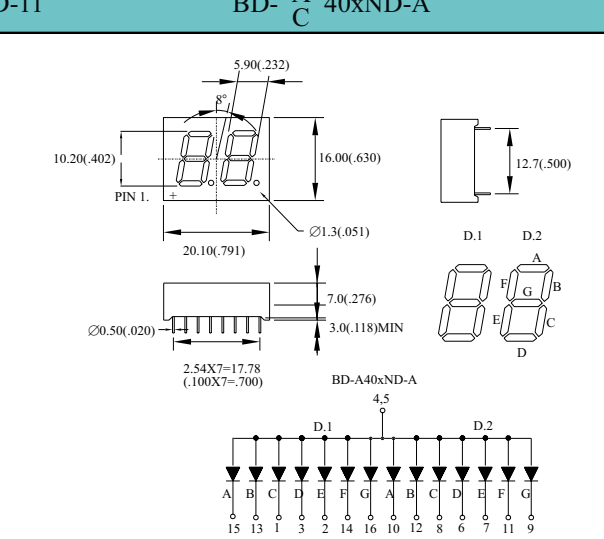
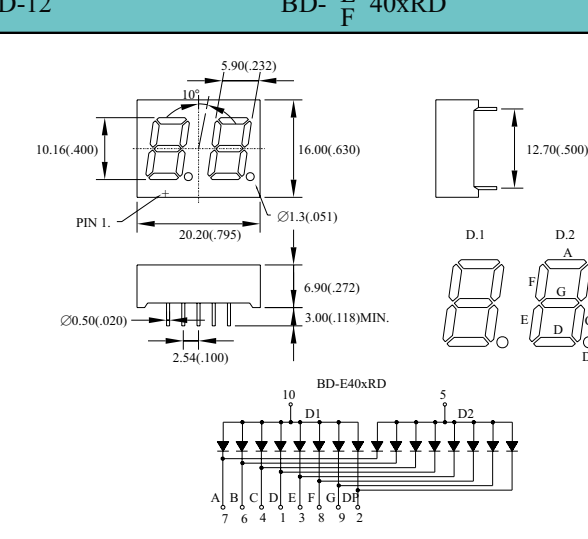




# DUAL DIGIT LED DISPLAYS

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 $\lambda_p$ (nm)	$\Delta \lambda$ (nm)	Pd (mw)	If (mA)	Ifp (mA)	Vf (v)		Iv. Typ. Per.Seg. (mcd)			
									Typ.	Max.				
0.30" Dual-Digit	BD-E311RD	BD-F311RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.5	DD-07		
	BD-E315RD	BD-F315RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.0			
	BD-E315RE	BD-F315RE												
	BD-E312RD	BD-F312RD	GaP/ Green	568	30	80	30	150	2.2	2.5	2.5			
	BD-E313RD	BD-F313RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.0			
	BD-E314RD	BD-F314RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	2.5			
			GaAsP/GaP/ Orange											
	BD-E316RD	BD-F316RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	5.0			
BD-E31DRD	BD-F31DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	6.0				
0.36" Dual-Digit	BD-E321RD	BD-F321RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.6	DD-08		
	BD-E325RD	BD-F325RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.2			
	BD-E325RE	BD-F325RE												
	BD-E322RD	BD-F322RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.0			
	BD-E323RD	BD-F323RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.0			
	BD-E324RD	BD-F324RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.0			
			GaAsP/GaP/ Orange											
	BD-E326RD	BD-F326RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.0			
BD-E32DRD	BD-F32DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.0				
0.39" Dual-Digit	BD-A431ND	BD-C431ND	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.8	DD-09		
	BD-A435ND	BD-C435ND	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.5			
	BD-A435ND	BD-C435ND												
	BD-A432ND	BD-C432ND	GaP/ Green	568	30	80	30	150	2.2	2.5	3.5			
	BD-A433ND	BD-C433ND	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.5			
	BD-A434ND	BD-C434ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5			
			GaAsP/GaP/ Orange											
BD-A436ND	BD-C436ND	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5				
BD-A43DND	BD-C43DND	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5				
0.40" Dual-Digit	BD-A401ND	BD-C401ND	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.8	DD-10		
	BD-A405ND	BD-C405ND	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.5			
	BD-A405NE	BD-C405NE												
	BD-A402ND	BD-C402ND	GaP/ Green	568	30	80	30	150	2.2	2.5	3.5			
	BD-A403ND	BD-C403ND	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.5			
	BD-A404NE	BD-C404NE	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5			
			GaAsP/GaP/ Orange											
	BD-A406ND	BD-C406ND	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5			
BD-A40DND	BD-C40DND	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5				
0.40" Dual-Digit	BD-A401ND-A	BD-C401ND-A	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.8	DD-11		
	BD-A405ND-A	BD-C405ND-A	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.5			
	BD-A405NE-A	BD-C405NE-A												
	BD-A402ND-A	BD-C402ND-A	GaP/ Green	568	30	80	30	150	2.2	2.5	3.5			
	BD-A403ND-A	BD-C403ND-A	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.5			
	BD-A404NE-A	BD-C404NE-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5			
			GaAsP/GaP/ Orange											
	BD-A406ND-A	BD-C406ND-A	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5			
	BD-A40DND-A	BD-C40DND-A	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5			
	0.40" Dual-Digit	BD-E401RD	BD-F401RD	GaAsP/Red	655	40	80	40	200	1.7	2.0		0.8	DD-12
		BD-E405RD	BD-F405RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5		1.5	
		BD-E405RE	BD-F405RE											
		BD-E402RD	BD-F402RD	GaP/ Green	568	30	80	30	150	2.2	2.5		3.5	
		BD-E403RD	BD-F403RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5		2.5	
BD-E404RD		BD-F404RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5			
			GaAsP/GaP/ Orange											
BD-E406RD		BD-F406RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5			
BD-E40DRD		BD-F40DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5			

# DUAL DIGIT LED DISPLAYS

DD-07	DD-08
<p><b>BD-<sup>E</sup>/<sub>F</sub> 31xRD</b></p>  <p>Dimensions: 3.60(.142), 7.62(.300), 16.00(.630), 16.70(.657), 10.16(.400), 1.0(.039), 6.00(.236), 3.00(.118)MIN., 2.54(.100), Ø0.50(.020).</p> <p>Pinout: 10 pins, D1 (A, B, C, D, E, F, G, DP), D2 (A, B, C, D, E, F, G, DP).</p>	<p><b>BD-<sup>E</sup>/<sub>F</sub> 32xRD</b></p>  <p>Dimensions: 15.0(.591), 4.8(.189), 9.2(.362), 14.0(.551), 10.16(.40), 1.0(.039), 7.50(.295), Ø1.0(.039), 8.0(.315), 3.0(.118)MIN., 2.54x4=10.16(.40), Ø0.50(.020).</p> <p>Pinout: 10 pins, D1 (A, B, C, D, E, F, G, DP), D2 (A, B, C, D, E, F, G, DP).</p>
<p><b>BD-<sup>A</sup>/<sub>C</sub> 43xND</b></p>  <p>Dimensions: 5.80(.228), 10.00(.394), 16.00(.630), 22.00(.866), 12.7(.500), 8.00(.315), 3.00(.118)MIN., 2.54(.100), Ø0.50(.020).</p> <p>Pinout: 14 pins, D1 (A, B, C, D, E, F, G, A, B, C, D, E, F, G), D2 (A, B, C, D, E, F, G).</p>	<p><b>BD-<sup>A</sup>/<sub>C</sub> 40xND</b></p>  <p>Dimensions: 5.90(.232), 10.16(.400), 16.00(.630), 20.20(.795), 12.7(.500), 1.3(.051), 6.9(.272), 3.0(.118)±0.5, 2.54x7=17.78 (.100x7=7.00), Ø0.50(.020).</p> <p>Pinout: 14 pins, D1 (A, B, C, D, E, F, G, A, B, C, D, E, F, G), D2 (A, B, C, D, E, F, G).</p>
<p><b>BD-<sup>A</sup>/<sub>C</sub> 40xND-A</b></p>  <p>Dimensions: 5.90(.232), 10.20(.402), 16.00(.630), 20.10(.791), 12.7(.500), 1.3(.051), 7.0(.276), 3.0(.118)MIN., 2.54x7=17.78 (.100x7=7.00), Ø0.50(.020).</p> <p>Pinout: 14 pins, D1 (A, B, C, D, E, F, G, A, B, C, D, E, F, G), D2 (A, B, C, D, E, F, G).</p>	<p><b>BD-<sup>E</sup>/<sub>F</sub> 40xRD</b></p>  <p>Dimensions: 5.90(.232), 10.16(.400), 16.00(.630), 20.20(.795), 12.70(.500), 1.3(.051), 6.90(.272), 3.00(.118)MIN., 2.54(.100), Ø0.50(.020).</p> <p>Pinout: 10 pins, D1 (A, B, C, D, E, F, G, A, B, C, D, E, F, G), D2 (A, B, C, D, E, F, G, DP).</p>

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

2.Tolerance is ±0.25mm(.010").  
4.NP:No Pin. 5.NC:No Connect.