

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.		
0.52" Dual-Digit	BD-A531RD	BD-C531RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.8	DD-19
	BD-A535RD	BD-C535RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.5	
	BD-A535RE	BD-C535RE										
	BD-A532RD	BD-C532RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.5	
	BD-A533RD	BD-C533RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.5	
	BD-A534RD	BD-C534RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5	
			GaAsP/GaP/ Orange									
	BD-A536RD	BD-C536RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5	
BD-A53DRD	BD-C53DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5		
0.54" Alpha-Numeric Displays	BD-E521RD	BD-F521RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.8	DD-20
	BD-E525RD	BD-F525RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.5	
	BD-E525RE	BD-F525RE										
	BD-E522RD	BD-F522RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.5	
	BD-E523RD	BD-F523RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.5	
	BD-E524RD	BD-F524RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5	
			GaAsP/GaP/ Orange									
	BD-E526RD	BD-F526RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5	
BD-E52DRD	BD-F52DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5		
0.56" Dual-Digit	BD-A511RD	BD-C511RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.8	DD-21
	BD-A515RD	BD-C515RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.5	
	BD-A515RE	BD-C515RE										
	BD-A512RD	BD-C512RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.5	
	BD-A513RD	BD-C513RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.5	
	BD-A514RE	BD-C514RE	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5	
			GaAsP/GaP/ Orange									
BD-A516RD	BD-C516RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5		
BD-A51DRD	BD-C51DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5		
0.56" Overflow Dual-Digit	BG-A511RD	BG-C511RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.9	DD-22
	BG-A515RD	BG-C515RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BG-A515RE	BG-C515RE										
	BG-A512RD	BG-C512RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.8	
	BG-A513RD	BG-C513RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.8	
	BG-A514RE	BG-C514RE	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.6	
			GaAsP/GaP/ Orange									
	BG-A516RD	BG-C516RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.8	
BG-A51DRD	BG-C51DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.8		
0.56" Dual-Digit	BD-A541RD	BD-C541RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.9	DD-23
	BD-A545RD	BD-C545RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BD-A545RE	BD-C545RE										
	BD-A542RD	BD-C542RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.8	
	BD-A543RD	BD-C543RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.8	
	BD-A544RE	BD-C544RE	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.6	
			GaAsP/GaP/ Orange									
	BD-A546RD	BD-C546RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.8	
	BD-A54DRD	BD-C54DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.8	
	BD-E541RD-A	BD-F541RD-A	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.9	DD-24
	BD-E545RD-A	BD-F545RD-A	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BD-E545RE-A	BD-F545RE-A										
	BD-E542RD-A	BD-F542RD-A	GaP/ Green	568	30	80	30	150	2.2	2.5	3.8	
	BD-E543RD-A	BD-F543RD-A	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.8	
	BD-E544RE-A	BD-F544RE-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.6	
			GaAsP/GaP/ Orange									
BD-E546RD-A	BD-F546RD-A	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.8		
BD-E54DRD-A	BD-F54DRD-A	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.8		

DD-19 BD- $\overset{A}{C}$ 53xRD	DD-20 BD- $\overset{E}{F}$ 52xRD
<p>Technical drawing of DD-19 BD-A53xRD LED display. Dimensions include: 7.60(299)mm height, 13.20(520)mm height, 25.00(984)mm width, 17.50(689)mm height, 10° angle, 1.5(059)mm diameter, 15.24(600)mm height, 0.25(010)mm height, 7.00(276)mm height, 3.00(118)MIN. height, 2.54(100)mm width, and 14 pins. Pin connections are labeled A through DP. Pin numbers are 16, 15, 3, 2, 1, 18, 17, 4, 11, 10, 8, 6, 5, 12, 7, 9.</p>	<p>Technical drawing of DD-20 BD-E52xRD LED display. Dimensions include: 8.16(321)mm height, 13.80(543)mm height, 25.20(992)mm width, 21.15(833)mm height, 5° angle, 1.60(063)mm diameter, 15.24(600)mm height, 7.80(307)mm height, 3.00(118)MIN. height, 2.54x8=20.32(800)mm width, and 16 pins. Pin connections are labeled A through DP. Pin numbers are 12, 10, 9, 7, 1, 18, 13, 6, 17, 15, 14, 5, 4, 2, 8.</p>
DD-21 BD- $\overset{A}{C}$ 51xRD	DD-22 BG- $\overset{A}{C}$ 51xRD
<p>Technical drawing of DD-21 BD-A51xRD LED display. Dimensions include: 8.10(315)mm height, 14.20(560)mm height, 25.00(984)mm width, 19.00(748)mm height, 8° angle, 1.7(067)mm diameter, 15.24(600)mm height, 8.00(315)mm height, 3.00(118)MIN. height, 2.54(100)mm width, and 14 pins. Pin connections are labeled A through DP. Pin numbers are 16, 15, 3, 2, 1, 18, 17, 4, 11, 10, 8, 6, 5, 12, 7, 9.</p>	<p>Technical drawing of DD-22 BG-A51xRD LED display. Dimensions include: 8.10(315)mm height, 14.20(560)mm height, 25.00(984)mm width, 19.00(748)mm height, 8° angle, 1.7(067)mm diameter, 15.24(600)mm height, 8.00(315)mm height, 3.00(118)MIN. height, 2.54(100)mm width, and 14 pins. Pin connections are labeled A through DP. Pin numbers are 15, 3, 1, 2, 4, 11, 10, 8, 6, 5, 12, 7, 9.</p>
DD-23 BD- $\overset{A}{C}$ 54xRD	DD-24 BD- $\overset{E}{F}$ 54xRD-A
<p>Technical drawing of DD-23 BD-A54xRD LED display. Dimensions include: 8.00(315)mm height, 14.20(560)mm height, 25.00(984)mm width, 19.00(748)mm height, 8° angle, 1.5(059)mm diameter, 15.24(600)mm height, 8.00(315)mm height, 3.00(118)MIN. height, 2.54(100)mm width, and 14 pins. Pin connections are labeled A through DP. Pin numbers are 16, 15, 3, 2, 1, 18, 17, 4, 11, 10, 8, 6, 5, 12, 7, 9.</p>	<p>Technical drawing of DD-24 BD-E54xRD-A LED display. Dimensions include: 8.00(315)mm height, 14.20(560)mm height, 25.00(984)mm width, 19.00(748)mm height, 8° angle, 1.5(059)mm diameter, 15.24(600)mm height, 8.00(315)mm height, 3.00(118)MIN. height, 2.54(100)mm width, and 8 pins. Pin connections are labeled A through DP. Pin numbers are 10, 9, 1, 4, 3, 6, 5, 2.</p>

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.

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.		
0.28" Dual-Digit	BD-E281RD	BD-F281RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.5	DD-01
	BD-E285RD	BD-F285RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.0	
	BD-E285RE	BD-F285RE										
	BD-E282RD	BD-F282RD	GaP/ Green	568	30	80	30	150	2.2	2.5	2.5	
	BD-E283RD	BD-F283RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.0	
	BD-E284RD	BD-F284RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	2.5	
			GaAsP/GaP/ Orange									
	BD-E286RD	BD-F286RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	5.0	
BD-E28DRD	BD-F28DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	6.0		
0.30" Dual-Digit	BD-A301ND	BD-C301ND	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.6	DD-02
	BD-A305ND	BD-C305ND	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.2	
	BD-A305NE	BD-C305NE										
	BD-A302ND	BD-C302ND	GaP/ Green	568	30	80	30	150	2.2	2.5	3.0	
	BD-A303ND	BD-C303ND	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.0	
	BD-A304ND	BD-C304ND	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.0	
			GaAsP/GaP/ Orange									
	BD-A306ND	BD-C306ND	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.0	
BD-A30DND	BD-C30DND	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.0		
0.30" Dual-Digit	BD-A301ND-A	BD-C301ND-A	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.6	DD-03
	BD-A305ND-A	BD-C305ND-A	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.2	
	BD-A305NE-A	BD-C305NE-A										
	BD-A302ND-A	BD-C302ND-A	GaP/ Green	568	30	80	30	150	2.2	2.5	3.0	
	BD-A303ND-A	BD-C303ND-A	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.0	
	BD-A304ND-A	BD-C304ND-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.0	
			GaAsP/GaP/ Orange									
	BD-A306ND-A	BD-C306ND-A	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.0	
BD-A30DND-A	BD-C30DND-A	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.0		
0.30" Dual-Digit	BD-E301RD	BD-F301RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.6	DD-04
	BD-E305RD	BD-F305RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.2	
	BD-E305RE	BD-F305RE										
	BD-E302RD	BD-F302RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.0	
	BD-E303RD	BD-F303RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.0	
			GaAsP/GaP/ Hi-Eff.Red									
	BD-E304RD	BD-F304RD	GaAsP/GaP/ Orange	635	45	80	30	150	2.0	2.5	3.0	
			GaAlAs/ SH Super Red									
BD-E306RD	BD-F306RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.0		
BD-E30DRD	BD-F30DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.0		
0.30" Dual-Digit	BD-E301RD-A	BD-F301RD-A	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.6	DD-05
	BD-E305RD-A	BD-F305RD-A	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.2	
	BD-E305RE-A	BD-F305RE-A										
	BD-E302RD-A	BD-F302RD-A	GaP/ Green	568	30	80	30	150	2.2	2.5	3.0	
	BD-E303RD-A	BD-F303RD-A	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.0	
	BD-E304RD-A	BD-F304RD-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.0	
			GaAsP/GaP/ Orange									
	BD-E306RD-A	BD-F306RD-A	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.0	
BD-E30DRD-A	BD-F30DRD-A	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.0		
0.30" Dual-Digit	BD-E301RD-B	BD-F301RD-B	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.6	DD-06
	BD-E305RD-B	BD-F305RD-B	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.2	
	BD-E305RE-B	BD-F305RE-B										
	BD-E302RD-B	BD-F302RD-B	GaP/ Green	568	30	80	30	150	2.2	2.5	3.0	
	BD-E303RD-B	BD-F303RD-B	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.0	
	BD-E304RD-B	BD-F304RD-B	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.0	
			GaAsP/GaP/ Orange									
	BD-E306RD-B	BD-F306RD-B	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.0	
BD-E30DRD-B	BD-F30DRD-B	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.0		

DD-01 BD- $\frac{E}{F}$ 28xRD	DD-02 BD- $\frac{A}{C}$ 30xND
<p>Technical drawing of DD-01 LED display showing top, side, and pin views. Dimensions include 10.0(394) height, 4.85(191) digit width, 7.0(276) digit height, 15.0(591) total width, and 3.75(148) digit spacing. Pin 1 is marked. A wiring diagram shows two digits (D1, D2) with segments A-G and DP, and pins 1-9.</p>	<p>Technical drawing of DD-02 LED display showing top, side, and pin views. Dimensions include 7.62(300) height, 4.00(157) digit width, 15.0(591) total width, and 1.1(043) digit spacing. Pin 1 is marked. A wiring diagram shows two digits (D1, D2) with segments A-G and DP, and pins 1-15.</p>
DD-03 BD- $\frac{A}{C}$ 30xND-A	DD-04 BD- $\frac{E}{F}$ 30xRD
<p>Technical drawing of DD-03 LED display showing top, side, and pin views. Dimensions include 7.62(300) height, 4.00(157) digit width, 15.0(591) total width, and 1.1(043) digit spacing. Pin 1 is marked. A wiring diagram shows two digits (D1, D2) with segments A-G and DP, and pins 1-15.</p>	<p>Technical drawing of DD-04 LED display showing top, side, and pin views. Dimensions include 7.62(300) height, 4.00(157) digit width, 15.0(591) total width, and 1.1(043) digit spacing. Pin 1 is marked. A wiring diagram shows two digits (D1, D2) with segments A-G and DP, and pins 1-15.</p>
DD-05 BD- $\frac{E}{F}$ 30xRD-A	DD-06 BD- $\frac{E}{F}$ 30xRD-B
<p>Technical drawing of DD-05 LED display showing top, side, and pin views. Dimensions include 7.62(300) height, 4.00(157) digit width, 15.0(591) total width, and 1.1(043) digit spacing. Pin 1 is marked. A wiring diagram shows two digits (D1, D2) with segments A-G and DP, and pins 1-15.</p>	<p>Technical drawing of DD-06 LED display showing top, side, and pin views. Dimensions include 7.62(300) height, 4.00(157) digit width, 15.0(591) total width, and 1.1(043) digit spacing. Pin 1 is marked. A wiring diagram shows two digits (D1, D2) with segments A-G and DP, and pins 1-15.</p>

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

2.Tolerance is  $\pm 0.25\text{mm}(.010\text{'})$ .  
4.NP:No Pin. 5.NC:No Connect.

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		
	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			

DD-07	DD-08
<p style="text-align: center;"><b>BD-<sup>E</sup>/<sub>F</sub> 31xRD</b></p>	<p style="text-align: center;"><b>BD-<sup>E</sup>/<sub>F</sub> 32xRD</b></p>
<p style="text-align: center;"><b>BD-<sup>A</sup>/<sub>C</sub> 43xND</b></p>	<p style="text-align: center;"><b>BD-<sup>A</sup>/<sub>C</sub> 40xND</b></p>
<p style="text-align: center;"><b>BD-<sup>A</sup>/<sub>C</sub> 40xND-A</b></p>	<p style="text-align: center;"><b>BD-<sup>E</sup>/<sub>F</sub> 40xRD</b></p>

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2.Tolerance is  $\pm 0.25\text{mm}(.010")$ .  
4.NP:No Pin. 5.NC:No Connect.



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.		
0.40" Dual-Digit	BD-E401ND-A	BD-F401ND-A	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.8	DD-13
	BD-E405ND-A	BD-F405ND-A	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.5	
	BD-E405NE-A	BD-F405NE-A										
	BD-E402ND-A	BD-F402ND-A	GaP/ Green	568	30	80	30	150	2.2	2.5	3.5	
	BD-E403ND-A	BD-F403ND-A	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.5	
	BD-E404ND-A	BD-F404ND-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5	
			GaAsP/GaP/ Orange									
	BD-E406ND-A	BD-F406ND-A	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5	
BD-E40DND-A	BD-F40DND-A	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5		
0.43" Dual-Digit	BD-E411RD	BD-F411RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.8	DD-14
	BD-E415RD	BD-F415RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.5	
	BD-E415RE	BD-F415RE										
	BD-E412RD	BD-F412RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.5	
	BD-E413RD	BD-F413RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.5	
	BD-E414RD	BD-F414RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5	
			GaAsP/GaP/ Orange									
	BD-E416RD	BD-F416RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5	
BD-E41DRD	BD-F41DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5		
0.50" Dual-Digit	BD-A501RD	BD-C501RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.8	DD-15
	BD-A505RD	BD-C505RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.5	
	BD-A505RE	BD-C505RE										
	BD-A502RD	BD-C502RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.5	
	BD-A503RD	BD-C503RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.5	
	BD-A504RE	BD-C504RE	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5	
			GaAsP/GaP/ Orange									
	BD-A506RD	BD-C506RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5	
	BD-A50DRD	BD-C50DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5	
	BD-A501RD-A	BD-C501RD-A	GaAsP/Red	655	40	80	40	200	1.7	2.5	0.9	DD-16
	BD-A505RD-A	BD-C505RD-A	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BD-A505RE-A	BD-C505RE-A										
	BD-A502RD-A	BD-C502RD-A	GaP/ Green	568	30	80	30	150	2.2	2.5	3.8	
	BD-A503RD-A	BD-C503RD-A	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.8	
	BD-A504RE-A	BD-C504RE-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.6	
			GaAsP/GaP/ Orange									
BD-A506RD-A	BD-C506RD-A	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.8		
BD-A50DRD-A	BD-C50DRD-A	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.8		
BD-E501RD	BD-F501RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.9	DD-17	
BD-E505RD	BD-F505RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6		
BD-E505RE	BD-F505RE											
BD-E502RD	BD-F502RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.8		
BD-E503RD	BD-F503RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.8		
BD-E504RE	BD-F504RE	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.6		
		GaAsP/GaP/ Orange										
BD-E506RD	BD-F506RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.8		
BD-E50DRD	BD-F50DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.8		
BD-E501RD-A	BD-F501RD-A	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.9	DD-18	
BD-E505RD-A	BD-F505RD-A	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6		
BD-E505RE-A	BD-F505RE-A											
BD-E502RD-A	BD-F502RD-A	GaP/ Green	568	30	80	30	150	2.2	2.5	3.8		
BD-E503RD-A	BD-F503RD-A	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.8		
BD-E504RD-A	BD-F504RD-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.6		
		GaAsP/GaP/ Orange										
BD-E506RD-A	BD-F506RD-A	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.8		
BD-E50DRD-A	BD-F50DRD-A	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.8		

DD-13	DD-14
<p style="text-align: center;"><b>BD-<math>\frac{E}{F}</math> 40xND-A</b></p>	<p style="text-align: center;"><b>BD-<math>\frac{E}{F}</math> 41xRD</b></p>
<p style="text-align: center;"><b>DD-15</b></p> <p style="text-align: center;"><b>BD-<math>\frac{A}{C}</math> 50xRD</b></p>	<p style="text-align: center;"><b>DD-16</b></p> <p style="text-align: center;"><b>BD-<math>\frac{A}{C}</math> 50xRD-A</b></p>
<p style="text-align: center;"><b>DD-17</b></p> <p style="text-align: center;"><b>BD-<math>\frac{E}{F}</math> 50xRD</b></p>	<p style="text-align: center;"><b>DD-18</b></p> <p style="text-align: center;"><b>BD-<math>\frac{E}{F}</math> 50xRD-A</b></p>

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



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.		
0.52" Dual-Digit	BD-A531RD	BD-C531RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.8	DD-19
	BD-A535RD	BD-C535RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.5	
	BD-A535RE	BD-C535RE										
	BD-A532RD	BD-C532RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.5	
	BD-A533RD	BD-C533RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.5	
	BD-A534RD	BD-C534RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5	
			GaAsP/GaP/ Orange									
	BD-A536RD	BD-C536RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5	
BD-A53DRD	BD-C53DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5		
0.54" Alpha-Numeric Displays	BD-E521RD	BD-F521RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.8	DD-20
	BD-E525RD	BD-F525RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.5	
	BD-E525RE	BD-F525RE										
	BD-E522RD	BD-F522RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.5	
	BD-E523RD	BD-F523RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.5	
	BD-E524RD	BD-F524RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5	
			GaAsP/GaP/ Orange									
	BD-E526RD	BD-F526RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5	
BD-E52DRD	BD-F52DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5		
0.56" Dual-Digit	BD-A511RD	BD-C511RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.8	DD-21
	BD-A515RD	BD-C515RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.5	
	BD-A515RE	BD-C515RE										
	BD-A512RD	BD-C512RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.5	
	BD-A513RD	BD-C513RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.5	
	BD-A514RE	BD-C514RE	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.5	
			GaAsP/GaP/ Orange									
	BD-A516RD	BD-C516RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.5	
BD-A51DRD	BD-C51DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.5		
0.56" Overflow Dual-Digit	BG-A511RD	BG-C511RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.9	DD-22
	BG-A515RD	BG-C515RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BG-A515RE	BG-C515RE										
	BG-A512RD	BG-C512RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.8	
	BG-A513RD	BG-C513RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.8	
	BG-A514RE	BG-C514RE	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.6	
			GaAsP/GaP/ Orange									
	BG-A516RD	BG-C516RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.8	
BG-A51DRD	BG-C51DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.8		
0.56" Dual-Digit	BD-A541RD	BD-C541RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.9	DD-23
	BD-A545RD	BD-C545RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BD-A545RE	BD-C545RE										
	BD-A542RD	BD-C542RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.8	
	BD-A543RD	BD-C543RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.8	
	BD-A544RE	BD-C544RE	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.6	
			GaAsP/GaP/ Orange									
	BD-A546RD	BD-C546RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.8	
	BD-A54DRD	BD-C54DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.8	
	BD-E541RD-A	BD-F541RD-A	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.9	DD-24
	BD-E545RD-A	BD-F545RD-A	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BD-E545RE-A	BD-F545RE-A										
	BD-E542RD-A	BD-F542RD-A	GaP/ Green	568	30	80	30	150	2.2	2.5	3.8	
	BD-E543RD-A	BD-F543RD-A	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.8	
	BD-E544RE-A	BD-F544RE-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.6	
			GaAsP/GaP/ Orange									
BD-E546RD-A	BD-F546RD-A	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.8		
BD-E54DRD-A	BD-F54DRD-A	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.8		

DD-19 BD- $\overset{A}{\underset{C}{53}}$ xRD	DD-20 BD- $\overset{E}{\underset{F}{52}}$ xRD
DD-21 BD- $\overset{A}{\underset{C}{51}}$ xRD	DD-22 BG- $\overset{A}{\underset{C}{51}}$ xRD
DD-23 BD- $\overset{A}{\underset{C}{54}}$ xRD	DD-24 BD- $\overset{E}{\underset{F}{54}}$ xRD-A

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

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.		
0.80" Dual-Digit	BD-A811RD	BD-C811RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	1.2	DD-25
	BD-A815RD	BD-C815RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BD-A815RE	BD-C815RE										
	BD-A812RD	BD-C812RD	GaP/ Green	568	30	80	30	150	2.2	2.5	4.0	
	BD-A813RD	BD-C813RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	3.0	
	BD-A814RD	BD-C814RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	4.0	
			GaAsP/GaP/ Orange									
	BD-A816RD	BD-C816RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	7.0	
	BD-A81FRD	BD-C81FRD	GaAlAs/ DDH Super Red	660	20	80	30	150	2.0	2.5	12.0	
	BD-E811RD	BD-F811RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	1.2	DD-26
	BD-E815RD	BD-F815RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BD-E815RE	BD-F815RE										
	BD-E812RD	BD-F812RD	GaP/ Green	568	30	80	30	150	2.2	2.5	4.0	
	BD-E813RD	BD-F813RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	3.0	
	BD-E814RD	BD-F814RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	4.0	
			GaAsP/GaP/ Orange									
	BD-E816RD	BD-F816RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	7.0	
	BD-E81FRD	BD-F81FRD	GaAlAs/ DDH Super Red	660	20	80	30	150	2.0	2.5	12.0	
	BD-E811RD-A	BD-F811RD-A	GaAsP/Red	655	40	80	40	200	1.7	2.0	1.2	DD-27
	BD-E815RD-A	BD-F815RD-A	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BD-E815RE-A	BD-F815RE-A										
	BD-E812RD-A	BD-F812RD-A	GaP/ Green	568	30	80	30	150	2.2	2.5	4.0	
	BD-E813RD-A	BD-F813RD-A	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	3.0	
	BD-E814RD-A	BD-F814RD-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	4.0	
			GaAsP/GaP/ Orange									
	BD-E816RD-A	BD-F816RD-A	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	7.0	
	BD-E81FRD-A	BD-F81FRD-A	GaAlAs/ DDH Super Red	660	20	80	30	150	1.7	2.5	12.0	
	BD-A831RD	BD-C831RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	1.2	DD-28
	BD-A835RD	BD-C835RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BD-A835RE	BD-C835RE										
	BD-A832RD	BD-C832RD	GaP/ Green	568	30	80	30	150	2.2	2.5	4.0	
	BD-A833RD	BD-C833RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	3.0	
	BD-A834RD	BD-C834RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	4.0	
			GaAsP/GaP/ Orange									
	BD-A836RD	BD-C836RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	7.0	
	BD-A83FRD	BD-C83FRD	GaAlAs/ DDH Super Red	660	20	80	30	150	2.0	2.5	12.0	
	BD-E831RD	BD-F831RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	1.2	DD-29
	BD-E835RD	BD-F835RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BD-E835RE	BD-F835RE										
	BD-E832RD	BD-F832RD	GaP/ Green	568	30	80	30	150	2.2	2.5	4.0	
	BD-E833RD	BD-F833RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	3.0	
	BD-E834RD	BD-F834RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	4.0	
GaAsP/GaP/ Orange												
BD-E836RD	BD-F836RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	7.0		
BD-E83FRD	BD-F83FRD	GaAlAs/ DDH Super Red	660	20	80	30	150	2.0	2.5	12.0		
BD-E841RD-A	BD-F841RD-A	GaAsP/Red	655	40	80	40	200	1.7	2.0	1.2	DD-30	
BD-E845RD-A	BD-F845RD-A	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6		
BD-E845RE-A	BD-F845RE-A											
BD-E842RD-A	BD-F842RD-A	GaP/ Green	568	30	80	30	150	2.2	2.5	4.0		
BD-E843RD-A	BD-F843RD-A	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	3.0		
BD-E844RD-A	BD-F844RD-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	4.0		
		GaAsP/GaP/ Orange										
BD-E846RD-A	BD-F846RD-A	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	7.0		
BD-E84FRD-A	BD-F84FRD-A	GaAlAs/ DDH Super Red	660	20	80	30	150	2.0	2.5	12.0		

DD-25 BD- $\overset{A}{C}$ 81xRD	DD-26 BD- $\overset{E}{F}$ 81xRD
<p>Technical drawing of DD-25 BD-C81xRD LED display. Dimensions: 20.32(800) height, 25.70(1.011) digit height, 12.30(.484) digit width, 35.60(1.402) total width, 21.80(.860) depth. Pin 1 is at the top left. Pin spacing is 2.54(.100). Pin 1 diameter is 2.0(.079). Pin 14 diameter is 0.50(.020). Pin 14 height is 10.00(.394). Pin 14 to digit center distance is 3.00(.118) MIN. Digit segments are labeled A, B, C, D, E, F, G, DP. Pin connections are shown for two digits (D1, D2).</p>	<p>Technical drawing of DD-26 BD-E81xRD LED display. Dimensions: 20.32(800) height, 25.70(1.011) digit height, 12.30(.484) digit width, 35.60(1.402) total width, 21.80(.860) depth. Pin 1 is at the top left. Pin spacing is 2.54(.100). Pin 1 diameter is 2.0(.079). Pin 1 diameter is 0.50(.020). Pin 1 height is 10.00(.394). Pin 1 to digit center distance is 3.00(.118) MIN. Digit segments are labeled A, B, C, D, E, F, G, DP. Pin connections are shown for two digits (D1, D2).</p>
DD-27 BD- $\overset{E}{F}$ 81xRD-A	DD-28 BD- $\overset{A}{C}$ 83xRD
<p>Technical drawing of DD-27 BD-E81xRD-A LED display. Dimensions: 20.32(800) height, 25.70(1.011) digit height, 12.30(.484) digit width, 35.60(1.402) total width, 21.80(.860) depth. Pin 1 is at the top left. Pin spacing is 2.54(.100). Pin 1 diameter is 2.0(.079). Pin 1 diameter is 0.50(.020). Pin 1 height is 10.00(.394). Pin 1 to digit center distance is 3.00(.118) MIN. Digit segments are labeled A, B, C, D, E, F, G, DP. Pin connections are shown for two digits (D1, D2).</p>	<p>Technical drawing of DD-28 BD-A83xRD LED display. Dimensions: 20.00(.787) height, 29.0(1.141) digit height, 11.0(.433) digit width, 37.0(1.456) total width, 21.80(.860) depth. Pin 1 is at the top left. Pin spacing is 2.54(.100). Pin 1 diameter is 2.0(.079). Pin 1 diameter is 0.50(.020). Pin 1 height is 10.10(.397). Pin 1 to digit center distance is 3.00(.118) MIN. Digit segments are labeled A, B, C, D, E, F, G, DP. Pin connections are shown for two digits (D1, D2).</p>
DD-29 BD- $\overset{E}{F}$ 83xRD	DD-30 BD- $\overset{E}{F}$ 84xRD-A
<p>Technical drawing of DD-29 BD-E83xRD LED display. Dimensions: 20.00(.787) height, 29.0(1.141) digit height, 11.0(.433) digit width, 37.0(1.456) total width, 21.80(.860) depth. Pin 1 is at the top left. Pin spacing is 2.54(.100). Pin 1 diameter is 2.0(.079). Pin 1 diameter is 0.50(.020). Pin 1 height is 10.10(.397). Pin 1 to digit center distance is 3.00(.118) MIN. Digit segments are labeled A, B, C, D, E, F, G, DP. Pin connections are shown for two digits (D1, D2).</p>	<p>Technical drawing of DD-30 BD-E84xRD-A LED display. Dimensions: 20.1(791) height, 25.7(1.012) digit height, 12.3(.484) digit width, 35.6(1.40) total width, 21.80(.860) depth. Pin 1 is at the top left. Pin spacing is 2.54(.100). Pin 1 diameter is 2.0(.079). Pin 1 diameter is 0.50(.020). Pin 1 height is 10.0(.394). Pin 1 to digit center distance is 3.00(.118) MIN. Digit segments are labeled A, B, C, D, E, F, G, DP. Pin connections are shown for two digits (D1, D2).</p>

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

2.Tolerance is  $\pm 0.25\text{mm}(.010\text{'})$ .  
4.NP:No Pin. 5.NC:No Connect.