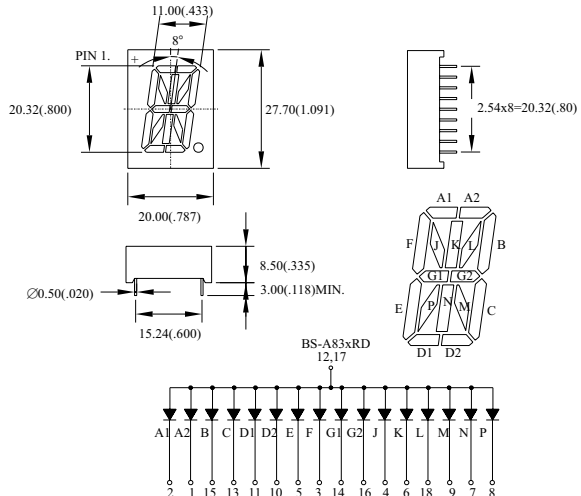
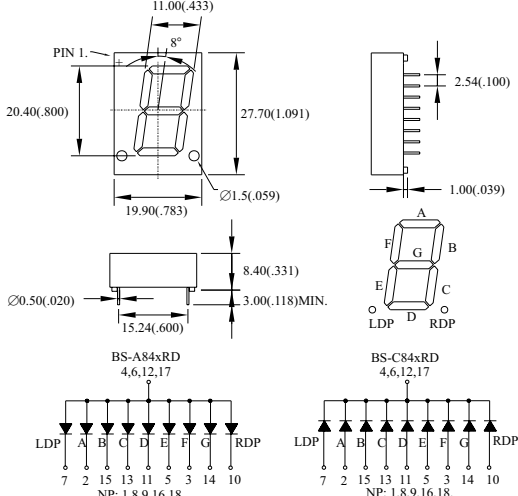
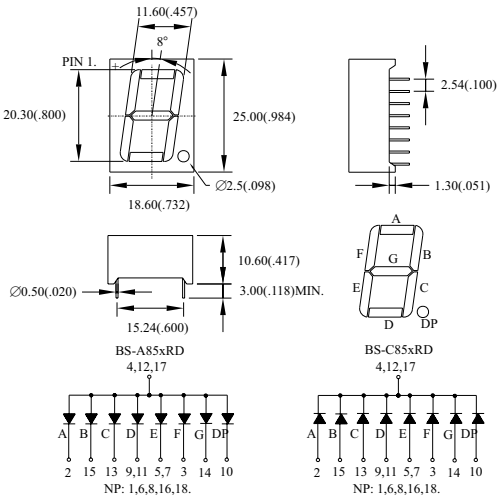
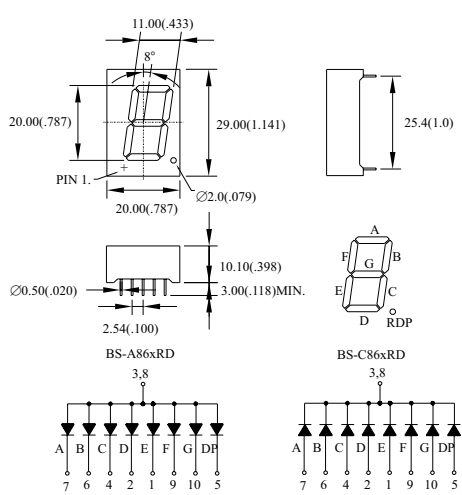
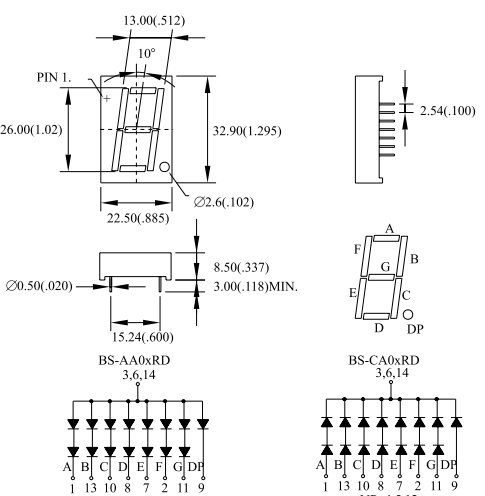
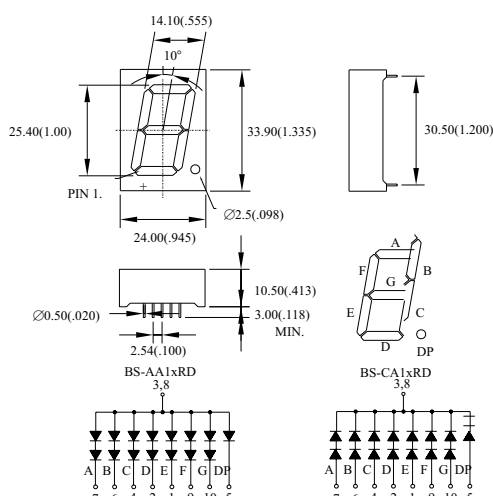


SINGLE DIGIT LED DISPLAYS

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 λ_p (nm)	$\Delta \lambda$ (nm)	Pd (mw)	If (mA)	Ifp (mA)	Vf (v)		Iv. Typ. Per.Seg. (mcd)	
									Typ.	Max.		
0.80" Alpha-Numeric Displays	BS-A831RD	BS-C831RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	1.3	SD-37
	BS-A835RD	BS-C835RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BS-A835RE	BS-C835RE										
	BS-A832RD	BS-C832RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.2	
	BS-A833RD	BS-C833RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.2	
	BS-A834RD	BS-C834RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.2	
			GaAsP/GaP/ Orange									
	BS-A836RD	BS-C836RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	7.5	
BS-A83DRD	BS-C83DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	8.5		
0.80" Single-Digit	BS-A841RD	BS-C841RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	1.3	SD-38
	BS-A845RD	BS-C845RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BS-A845RE	BS-C845RE										
	BS-A842RD	BS-C842RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.2	
	BS-A843RD	BS-C843RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.2	
	BS-A844RD	BS-C844RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.2	
			GaAsP/GaP/ Orange									
	BS-A846RD	BS-C846RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	7.5	
BS-A84FRD	BS-C84FRD	GaAlAs/ DDH Super Red	660	20	80	30	150	2.0	2.5	12.5		
0.80" Single-Digit	BS-A851RD	BS-C851RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	1.3	SD-39
	BS-A855RD	BS-C855RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BS-A855RE	BS-C855RE										
	BS-A852RD	BS-C852RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.2	
	BS-A853RD	BS-C853RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.2	
	BS-A854RD	BS-C854RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.2	
			GaAsP/GaP/ Orange									
	BS-A856RD	BS-C856RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	7.5	
BS-A85FRD	BS-C85FRD	GaAlAs/ DDH Super Red	660	20	80	30	150	2.0	2.5	12.5		
0.80" Single-Digit	BS-A861RD	BS-C861RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	1.3	SD-40
	BS-A865RD	BS-C865RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.6	
	BS-A865RE	BS-C865RE										
	BS-A862RD	BS-C862RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.2	
	BS-A863RD	BS-C863RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.2	
	BS-A864RD	BS-C864RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.2	
			GaAsP/GaP/ Orange									
	BS-A866RD	BS-C866RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	7.5	
BS-A86FRD	BS-C86FRD	GaAlAs/ DDH Super Red	660	20	80	30	150	2.0	2.5	12.5		
1.00" Single-Digit	BS-AA01RD	BS-CA01RD	GaAsP/Red	655	40	160	40	200	3.4	4.0	2.5	SD-41
	BS-AA05RD	BS-CA05RD	GaP/ Bright Red	700	90	80	15	50	4.4	5.0	3.5	
	BS-AA05RE	BS-CA05RE										
	BS-AA02RD	BS-CA02RD	GaP/ Green	568	30	160	30	150	4.4	5.0	5.0	
	BS-AA03RD	BS-CA03RD	GaAsP/GaP/ Yellow	585	35	160	30	150	4.2	5.0	4.0	
	BS-AA04RD	BS-CA04RD	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	5.0	
			GaAsP/GaP/ Orange									
	BS-AA06RD	BS-CA06RD	GaAlAs/ SH Super Red	660	20	160	30	150	3.4	5.0	10.0	
BS-AA0FRD	BS-CA0FRD	GaAlAs/ DDH Super Red	660	20	160	30	150	4.0	5.0	15.0		
1.00" Single-Digit	BS-AA11RD	BS-CA11RD	GaAsP/Red	655	40	160	40	200	3.4	4.0	2.5	SD-42
	BS-AA15RD	BS-CA15RD	GaP/ Bright Red	700	90	80	15	50	4.4	5.0	3.5	
	BS-AA15RE	BS-CA15RE										
	BS-AA12RD	BS-CA12RD	GaP/ Green	568	30	160	30	150	4.4	5.0	5.0	
	BS-AA13RD	BS-CA13RD	GaAsP/GaP/ Yellow	585	35	160	30	150	4.2	5.0	4.0	
	BS-AA14RD	BS-CA14RD	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	5.0	
			GaAsP/GaP/ Orange									
	BS-AA16RD	BS-CA16RD	GaAlAs/ SH Super Red	660	20	160	30	150	3.4	5.0	10.0	
BS-AA1FRD	BS-CA1FRD	GaAlAs/ DDH Super Red	660	20	160	30	150	4.0	5.0	15.0		

SINGLE DIGIT LED DISPLAYS

SD-37 BS-A83xRD  Top view dimensions: 11.00(.433) width, 20.32(.800) height, 20.00(.787) width, 27.70(1.091) height. Pin 1 is at the top left. Side view shows a height of 2.54x8=20.32(.80) and a mounting hole diameter of Ø0.50(.020). Pin configuration includes A1, A2, B, C, D1, D2, E, F, G1, G2, J, K, L, M, N, P.	SD-38 BS-A84xRD  Top view dimensions: 11.00(.433) width, 20.40(.800) height, 19.90(.783) width, 27.70(1.091) height. Pin 1 is at the top left. Side view shows a height of 2.54(.100) and a mounting hole diameter of Ø0.50(.020). Pin configuration includes A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y, Z.
SD-39 BS-A85xRD  Top view dimensions: 11.60(.457) width, 20.30(.800) height, 18.60(.732) width, 25.00(.984) height. Pin 1 is at the top left. Side view shows a height of 2.54(.100) and a mounting hole diameter of Ø0.50(.020). Pin configuration includes A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y, Z.	SD-40 BS-A86xRD  Top view dimensions: 11.00(.433) width, 20.00(.787) height, 20.00(.787) width, 29.00(1.141) height. Pin 1 is at the top left. Side view shows a height of 2.54(.100) and a mounting hole diameter of Ø0.50(.020). Pin configuration includes A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y, Z.
SD-41 BS-AA0xRD  Top view dimensions: 13.00(.512) width, 26.00(1.02) height, 22.50(.885) width, 32.90(1.295) height. Pin 1 is at the top left. Side view shows a height of 2.54(.100) and a mounting hole diameter of Ø0.50(.020). Pin configuration includes A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y, Z.	SD-42 BS-AA1xRD  Top view dimensions: 14.10(.555) width, 25.40(1.00) height, 24.00(.945) width, 33.90(1.335) height. Pin 1 is at the top left. Side view shows a height of 2.54(.100) and a mounting hole diameter of Ø0.50(.020). Pin configuration includes A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y, Z.

NOTES: 1.All Dimensions are in millimeters(inches).
2.Tolerance is $\pm 0.25\text{mm}(.010")$.
3.Specifications are subject to change without notice.
4.NP: No Pin. 5.NC: No Connect.