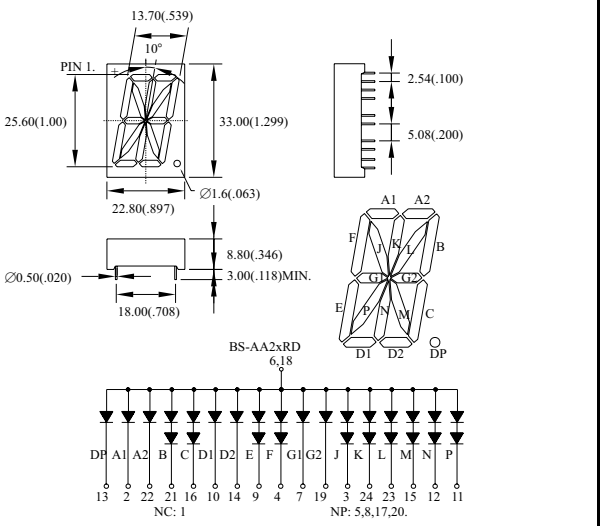
LED BRT ® SINCE 1981

SINGLE DIGIT LED DISPLAYS

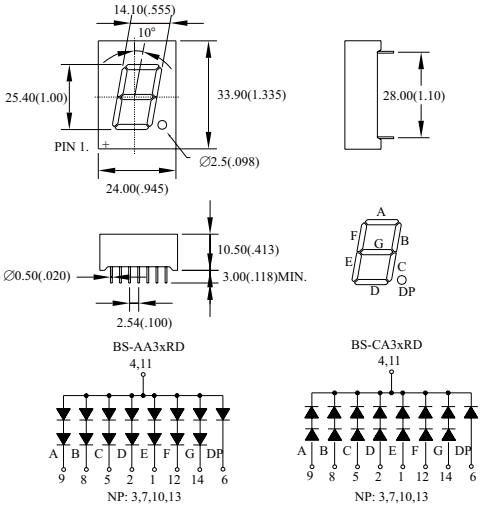
Digit Size	Part No.		Chip		Absolute Maximum Ratings				Electro-optical Data(At 10mA)			Drawing No.
	Common Anode	Common Cathode	Material/Emitted Color	Peak Wave Length λ p(nm)	Δ λ (nm)	Pd (mw)	If (mA)	Ifp (mA)	Vf (v) Typ.	Vf (v) Max.	Iv. Typ. Per.Seg. (mcd)	
1.00" Alpha-Numeric Displays	BS-AA21RD	BS-CA21RD	GaAsP/Red	655	40	160	40	200	3.4	4.0	2.5	SD-43
	BS-AA25RD	BS-CA25RD	GaP/ Bright Red	700	90	80	15	50	4.4	5.0	3.5	
	BS-AA25RE	BS-CA25RE										
	BS-AA22RD	BS-CA22RD	GaP/ Green	568	30	160	30	150	4.4	5.0	5.0	
	BS-AA23RD	BS-CA23RD	GaAsP/GaP/ Yellow	585	35	160	30	150	4.2	5.0	4.0	
	BS-AA24RD	BS-CA24RD	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	5.0	
			GaAsP/GaP/ Orange									
	BS-AA26RD	BS-CA26RD	GaAlAs/ SH Super Red	660	20	160	30	150	3.4	5.0	10.0	
	BS-AA2FRD	BS-CA2FRD	GaAlAs/ DDH Super Red	660	20	160	30	150	4.0	5.0	15.0	
1.00" Single-Digit	BS-AA31RD	BS-CA31RD	GaAsP/Red	655	40	160	40	200	3.4	4.0	2.5	SD-44
	BS-AA35RD	BS-CA35RD	GaP/ Bright Red	700	90	80	15	50	4.4	5.0	3.5	
	BS-AA35RE	BS-CA35RE										
	BS-AA32RD	BS-CA32RD	GaP/ Green	568	30	160	30	150	4.4	5.0	5.0	
	BS-AA33RD	BS-CA33RD	GaAsP/GaP/ Yellow	585	35	160	30	150	4.2	5.0	4.0	
	BS-AA34RD	BS-CA34RD	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	5.0	
			GaAsP/GaP/ Orange									
	BS-AA36RD	BS-CA36RD	GaAlAs/ SH Super Red	660	20	160	30	150	3.4	5.0	10.0	
	BS-AA3FRD	BS-CA3FRD	GaAlAs/ DDH Super Red	660	20	160	30	150	4.0	5.0	15.0	
	BS-AA41RD	BS-CA41RD	GaAsP/Red	655	40	160	40	200	3.4	4.0	2.5	SD-45
	BS-AA45RD	BS-CA45RD	GaP/ Bright Red	700	90	80	15	50	4.4	5.0	3.5	
	BS-AA45RE	BS-CA45RE										
	BS-AA42RD	BS-CA42RD	GaP/ Green	568	30	160	30	150	4.4	5.0	5.0	
	BS-AA43RD	BS-CA43RD	GaAsP/GaP/ Yellow	585	35	160	30	150	4.2	5.0	4.0	
	BS-AA44RD	BS-CA44RD	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	5.0	
			GaAsP/GaP/ Orange									
	BS-AA46RD	BS-CA46RD	GaAlAs/ SH Super Red	660	20	160	30	150	3.4	5.0	10.0	
	BS-AA4FRD	BS-CA4FRD	GaAlAs/ DDH Super Red	660	20	160	30	150	4.0	5.0	15.0	
1.00" Alpha-Numeric Displays	BS-AA51RD	BS-CA51RD	GaAsP/Red	655	40	160	40	200	3.4	4.0	2.5	SD-46
	BS-AA55RD	BS-CA55RD	GaP/ Bright Red	700	90	80	15	50	4.4	5.0	3.5	
	BS-AA55RE	BS-CA55RE										
	BS-AA52RD	BS-CA52RD	GaP/ Green	568	30	160	30	150	4.4	5.0	5.0	
	BS-AA53RD	BS-CA53RD	GaAsP/GaP/ Yellow	585	35	160	30	150	4.2	5.0	4.0	
	BS-AA54RD	BS-CA54RD	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	5.0	
			GaAsP/GaP/ Orange									
	BS-AA56RD	BS-CA56RD	GaAlAs/ SH Super Red	660	20	160	30	150	3.4	5.0	10.0	
	BS-AA5FRD	BS-CA5FRD	GaAlAs/ DDH Super Red	660	20	160	30	150	4.0	5.0	15.0	
1.20" Single-Digit	BS-AB11RD	BS-CB11RD	GaAsP/Red	655	40	160	40	200	3.4	4.0	2.5	SD-47
	BS-AB15RD	BS-CB15RD	GaP/ Bright Red	700	90	80	15	50	4.4	5.0	3.5	
	BS-AB15RE	BS-CB15RE										
	BS-AB12RD	BS-CB12RD	GaP/ Green	568	30	160	30	150	4.4	5.0	5.0	
	BS-AB13RD	BS-CB13RD	GaAsP/GaP/ Yellow	585	35	160	30	150	4.2	5.0	4.0	
	BS-AB14RD	BS-CB14RD	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	5.0	
			GaAsP/GaP/ Orange									
	BS-AB16RD	BS-CB16RD	GaAlAs/ SH Super Red	660	20	160	30	150	3.4	5.0	10.0	
	BS-AB1FRD	BS-CB1FRD	GaAlAs/ DDH Super Red	660	20	160	30	150	4.0	5.0	15.0	
	BS-AB21RD	BS-CB21RD	GaAsP/Red	655	40	160	40	200	3.4	4.0	2.5	SD-48
	BS-AB25RD	BS-CB25RD	GaP/ Bright Red	700	90	80	15	50	4.4	5.0	3.5	
	BS-AB25RE	BS-CB25RE										
	BS-AB22RD	BS-CB22RD	GaP/ Green	568	30	160	30	150	4.4	5.0	5.0	
	BS-AB23RD	BS-CB23RD	GaAsP/GaP/ Yellow	585	35	160	30	150	4.2	5.0	4.0	
	BS-AB24RD	BS-CB24RD	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	5.0	
			GaAsP/GaP/ Orange									
	BS-AB26RD	BS-CB26RD	GaAlAs/ SH Super Red	660	20	160	30	150	3.4	5.0	10.0	
	BS-AB2FRD	BS-CB2FRD	GaAlAs/ DDH Super Red	660	20	160	30	150	4.0	5.0	15.0	

SINGLE DIGIT LED DISPLAYS

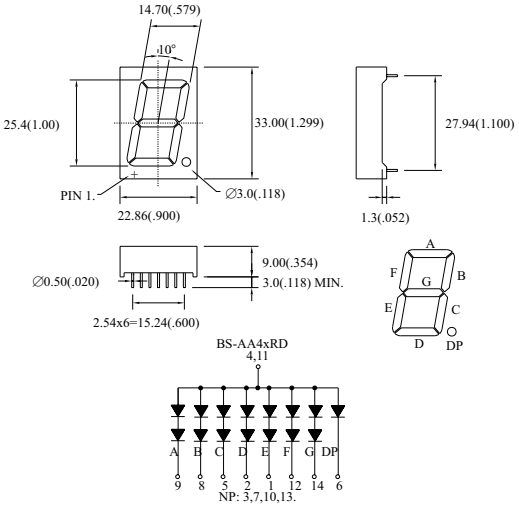
SD-43 BS-$^{A}_{C}$A2xRD



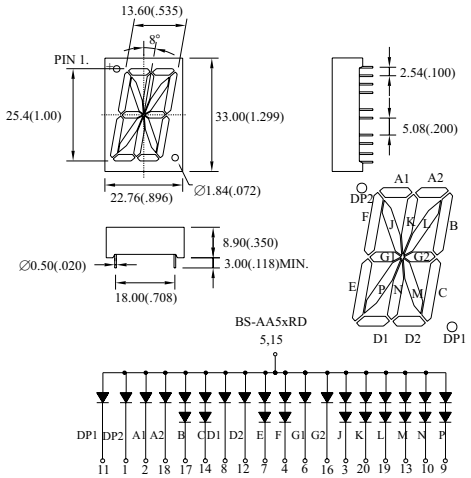
SD-44 BS-$^{A}_{C}$A3xRD



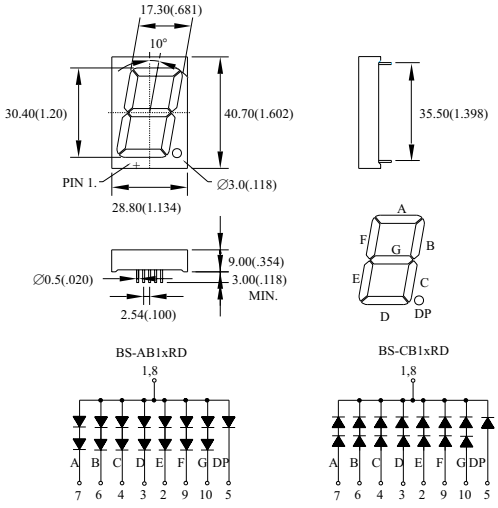
SD-45 BS-$^{A}_{C}$A4xRD



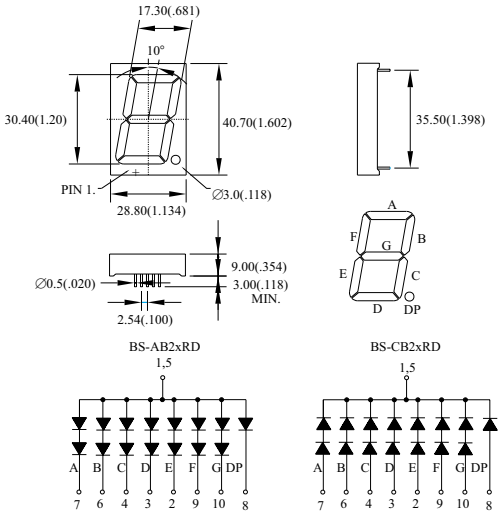
SD-46 BS-$^{A}_{C}$A5xRD



SD-47 BS-$^{A}_{C}$B1xRD



SD-48 BF-$^{A}_{C}$B2xRD



NOTES: 1.All Dimensions are in millimeters(inches). 2.Tolerance is ± 0.25mm(.010″).
3.Specifications are subject to change without notice. 4.NP:No Pin. 5.NC:No Connect.

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