



Single Digit LED Displays 7-Segment, ± 1 Overflow

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.			
0.39" Single-Digit	BS-A341RD	BS-C341RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.6	SD-13	
	BS-A345RD	BS-C345RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.2		
	BS-A345RE	BS-C345RE											
	BS-A342RD	BS-C342RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.0		
	BS-A343RD	BS-C343RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.0		
	BS-A344RD	BS-C344RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.0		
			GaAsP/GaP/ Orange										
	BS-A346RD	BS-C346RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.0		
	BS-A34DRD	BS-C34DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.0		
	0.39" Alpha-Numeric Displays	BS-A341RD-A	BS-C341RD-A	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.6	SD-14
		BS-A345RD-A	BS-C345RD-A	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.2	
		BS-A345RE-A	BS-C345RE-A										
		BS-A342RD-A	BS-C342RD-A	GaP/ Green	568	30	80	30	150	2.2	2.5	3.0	
		BS-A343RD-A	BS-C343RD-A	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.0	
BS-A344RD-A		BS-C344RD-A	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.0		
			GaAsP/GaP/ Orange										
BS-A346RD-A		BS-C346RD-A	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.0		
BS-A34DRD-A	BS-C34DRD-A	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.0			
0.39" Alpha-Numeric Displays	BS-A341RD-B	BS-C341RD-B	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.6	SD-15	
	BS-A345RD-B	BS-C345RD-B	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.2		
	BS-A345RE-B	BS-C345RE-B											
	BS-A342RD-B	BS-C342RD-B	GaP/ Green	568	30	80	30	150	2.2	2.5	2.8		
	BS-A343RD-B	BS-C343RD-B	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.2		
	BS-A344RD-B	BS-C344RD-B	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	2.8		
			GaAsP/GaP/ Orange										
	BS-A346RD-B	BS-C346RD-B	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	5.0		
BS-A34DRD-B	BS-C34DRD-B	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	10.0			
0.40" Single-Digit	BS-A401RD	BS-C401RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.6	SD-16	
	BS-A405RD	BS-C405RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.2		
	BS-A405RE	BS-C405RE											
	BS-A402RD	BS-C402RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.0		
	BS-A403RD	BS-C403RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.0		
	BS-A404RD	BS-C404RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.0		
			GaAsP/GaP/ Orange										
	BS-A406RD	BS-C406RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.0		
BS-A40DRD	BS-C40DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.0			



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SD-13 BS- $\frac{A}{C}$ 34xRD	SD-14 BS- $\frac{A}{C}$ 34xRD-A

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