



MULTI-COLOR 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" Single-Digit	BS-A85EGRD	BS-C85EGRD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.2	2.5	2.5	SD-69
			GaP/ Green	568	30	80	30	150	2.0	2.5	3.0	
1.00" Single-Digit	BS-AA1EGRD	BS-CA1EGRD	GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	2.4	5.0	5.5	SD-70
			GaP/ Green	568	30	160	30	150	2.4	5.0	5.5	

SD-69 BS-A85EGRD

Dimensions: 11.60(.457) top width, 20.30(.800) height, 18.60(.732) bottom width, 25.00(.984) total height, 8° angle, PIN 1, 2.54(.100) pin pitch, 1.30(.051) pin width, 15.24(.600) bottom width, 10.60(.417) top width, 3.00(.118)MIN. pin length, 15.24(.600) bottom width, 10.60(.417) top width, 3.00(.118)MIN. pin length, 15.24(.600) bottom width, 10.60(.417) top width, 3.00(.118)MIN. pin length.

Pinout: A 2 1, B 17 16, C 13 12, D 9 8, E 6 7, F 3 4, G 15 14, NC: 10,11

Dimensions: 15.24(.600) bottom width, 10.60(.417) top width, 3.00(.118)MIN. pin length, 15.24(.600) bottom width, 10.60(.417) top width, 3.00(.118)MIN. pin length.

Pinout: A 2 1, B 17 16, C 13 12, D 9 8, E 6 7, F 3 4, G 15 14, NC: 10,11

SD-70 BS-AA1EGRD

Dimensions: 14.10(.555) top width, 25.40(1.00) height, 24.00(.945) bottom width, 33.90(1.335) total height, 10° angle, PIN 1, 2.54(.100) pin pitch, 30.50(1.200) total height, 10.50(.413) top width, 3.00(.118)MIN. pin length, 2.54(.100) pin pitch, 10.50(.413) top width, 3.00(.118)MIN. pin length.

Pinout: A 7, B 6, C 4, D 3, E 2, F 9, G 10, DP 8, 1, 5

Dimensions: 10.50(.413) top width, 3.00(.118)MIN. pin length, 10.50(.413) top width, 3.00(.118)MIN. pin length.

Pinout: A 7, B 6, C 4, D 3, E 2, F 9, G 10, DP 8, 1, 5

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.