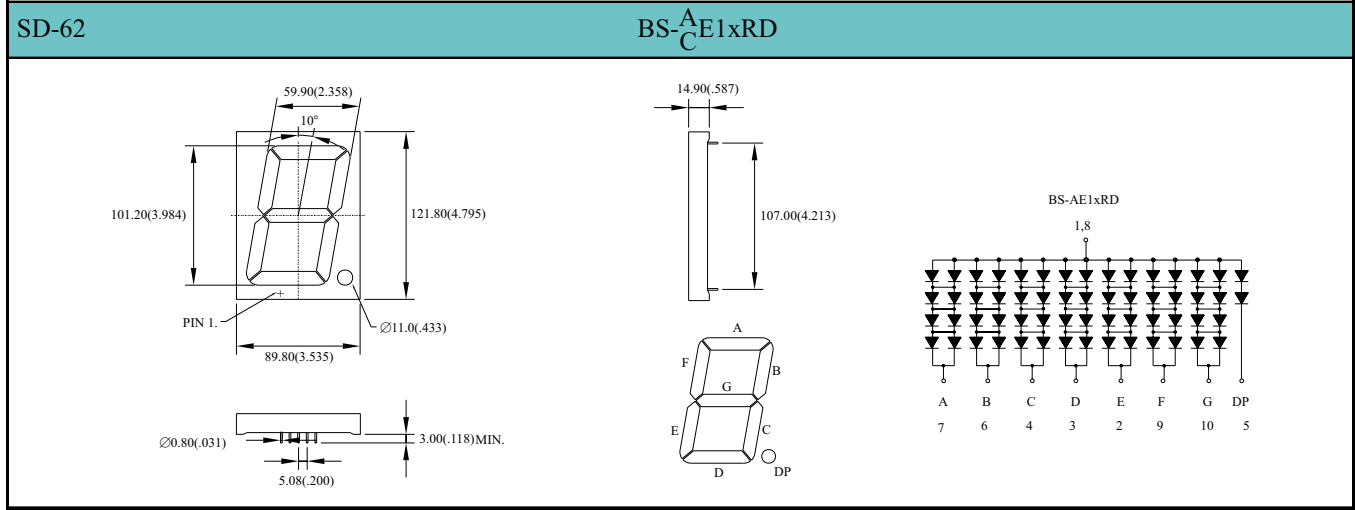
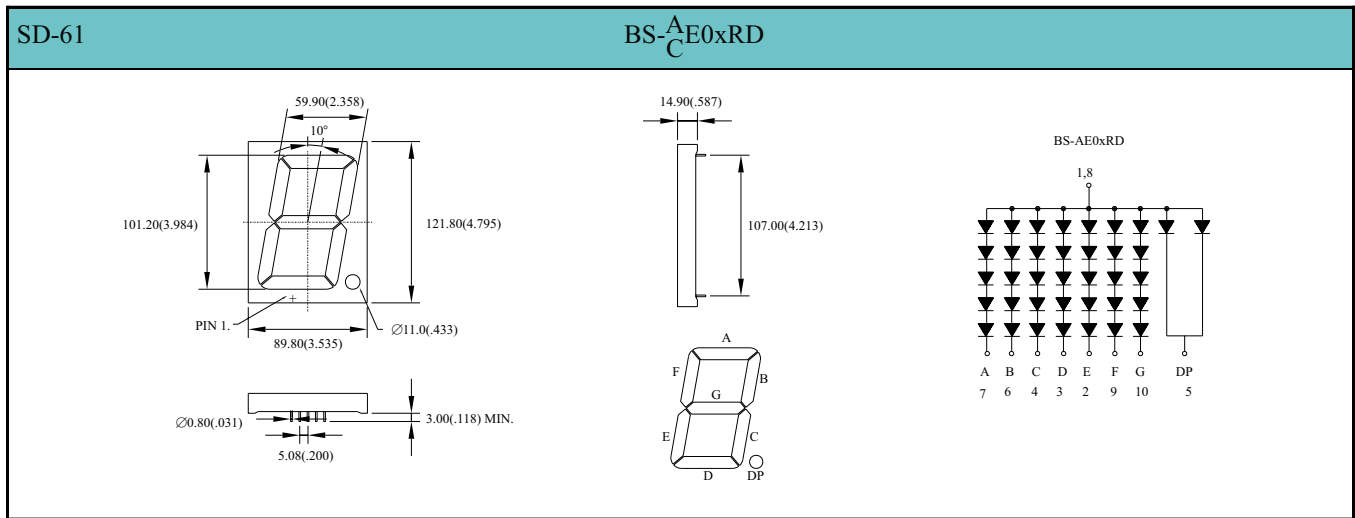




SINGLE DIGIT LED DISPLAYS

| Digit Size | Part No. | | Chip | Peak Wave Length λ_p (nm) | Absolute Maximum Ratings | | | | Electro-optical Data(At 10mA) | | | Drawing No. |
|--------------------|--------------|-----------------------|-----------------------|--------------------------------------|--------------------------|-----------------------|---------|---------|-------------------------------|--------|------|-------------|
| | Common Anode | Common Cathode | | | Material/Emitted Color | $\Delta \lambda$ (nm) | Pd (mw) | If (mA) | Ifp (mA) | Vf (v) | | |
| | | | Typ. | | | | | | | Max. | | |
| 4.00" Single-Digit | BS-AE01RD | BS-CE01RD | GaAsP/Red | 655 | 40 | 400 | 40 | 200 | 8.5 | 10.0 | 8.0 | SD-61 |
| | BS-AE05RD | BS-CE05RD | GaP/ Bright Red | 700 | 90 | 200 | 15 | 50 | 11.0 | 12.5 | 9.0 | |
| | BS-AE05RE | BS-CE05RE | | | | | | | | | | |
| | BS-AE02RD | BS-CE02RD | GaP/ Green | 568 | 30 | 390 | 30 | 150 | 11.0 | 12.5 | 13.0 | |
| | BS-AE03RD | BS-CE03RD | GaAsP/GaP/ Yellow | 585 | 35 | 390 | 30 | 150 | 11.0 | 12.5 | 10.0 | |
| | BS-AE04RD | BS-CE04RD | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 390 | 30 | 150 | 11.0 | 12.5 | 13.0 | |
| | | | GaAsP/GaP/ Orange | | | | | | | | | |
| | BS-AE06RD | BS-CE06RD | GaAlAs/ SH Super Red | 660 | 20 | 390 | 30 | 150 | 8.5 | 12.5 | 20.0 | |
| BS-AE0FRD | BS-CE0FRD | GaAlAs/ DDH Super Red | 660 | 20 | 390 | 30 | 150 | 10.0 | 12.5 | 25.0 | | |
| 4.00" Single-Digit | BS-AE11RD | BS-CE11RD | GaAsP/Red | 655 | 40 | 400 | 40 | 200 | 8.5 | 10.0 | 8.0 | SD-62 |
| | BS-AE15RD | BS-CE15RD | GaP/ Bright Red | 700 | 90 | 200 | 15 | 50 | 11.0 | 12.5 | 9.0 | |
| | BS-AE15RE | BS-CE15RE | | | | | | | | | | |
| | BS-AE12RD | BS-CE12RD | GaP/ Green | 568 | 30 | 390 | 30 | 150 | 11.0 | 12.5 | 13.0 | |
| | BS-AE13RD | BS-CE13RD | GaAsP/GaP/ Yellow | 585 | 35 | 390 | 30 | 150 | 11.0 | 12.5 | 10.0 | |
| | BS-AE14RD | BS-CE14RD | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 390 | 30 | 150 | 11.0 | 12.5 | 13.0 | |
| | | | GaAsP/GaP/ Orange | | | | | | | | | |
| | BS-AE16RD | BS-CE16RD | GaAlAs/ SH Super Red | 660 | 20 | 390 | 30 | 150 | 8.5 | 12.5 | 20.0 | |
| BS-AE1FRD | BS-CE1FRD | GaAlAs/ DDH Super Red | 660 | 20 | 390 | 30 | 150 | 10.0 | 12.5 | 25.0 | | |



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.