

Designation system

Seven Segment LED display









BL- S 28 A- 1 1 S-2 1- L4

BETLUX




Digit Number:
1- Single digit
2- Double digit
3- Three digit
4- Four digit

Model Number







Special Device:
-Lxx: Pin Length
-B: Both Side Decimal Point
-N: No Decimal Point

SS-Singe digit SMD 
DS-Double digit SMD 
S-Single digit 
D-Double digit 
T-Three digit 
Q-Four digit and Over 
SE-Large segment 
SC-Single digit Customized 

Drive Mode

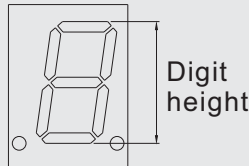
| | | |
|-----------------------------|----------------|--|
| A.C.E.G.I.K. M.O.Q.S.U.W | Common Cathode |  |
| B.D.F.H.J.L. N.P.R.T.V.X | Common Anode |  |
| Z | Universal |  |

Segment Epoxy Color:

| | |
|-------------------|---|
| 0-Water Clear |  |
| 1-White Diffused |  |
| 2-Red Diffused |  |
| 3-Green Diffused |  |
| 4-Yellow Diffused |  |
| 5-Blue Diffused |  |








Digit Character Height: 180-1.80" May be two symbols

| | | |
|----------|----------|----------|
| 25-0.25" | 52-0.52" | 400-4.0" |
| 28-0.28" | 54-0.54" | 500-5.0" |
| 30-0.30" | 56-0.56" | 600-6.0" |
| 31-0.31" | 60-0.60" | 700-7.0" |
| 32-0.32" | 80-0.80" | 800-8.0" |
| 36-0.36" | 100-1.0" | 1000-10" |
| 39-0.39" | 120-1.2" | 1200-12" |
| 40-0.40" | 150-1.5" | 2000-20" |
| 42-0.42" | 180-1.8" | |
| 44-0.44" | 200-2.0" | |
| 48-0.48" | 230-2.3" | |
| 50-0.50" | 300-3.0" | |



| Code | Color | Wavelength(nm) | Material |
|------|------------------|----------------|------------|
| H | Red | 700 | GaP |
| S | Hi Red | 660 | AlGaAs,SH |
| UR | Ultra Red | 660 | AlgaAs,DDH |
| UHR | Ultra Red | 640 | AlGaInP |
| E | Red | 635 | GaAsP |
| UE | Ultra Red | 630 | AlGaInP |
| G | Green | 570 | GaP |
| UG | Ultra Green | 574 | AlGaInP |
| PG | Ultra Pure Green | 525 | AlGaInP |
| Y | Yellow | 585 | GaAsP |
| UY | Ultra Yellow | 590 | AlGaInP |
| UYO | Ultra Amber | 610 | AlGaInP |
| UB | Ultra Blue | 470 | InGaN |
| UW | Ultra White | - | InGaN |
| UW | Ultra Warm White | - | InGaN |

Reflector Surface Color:

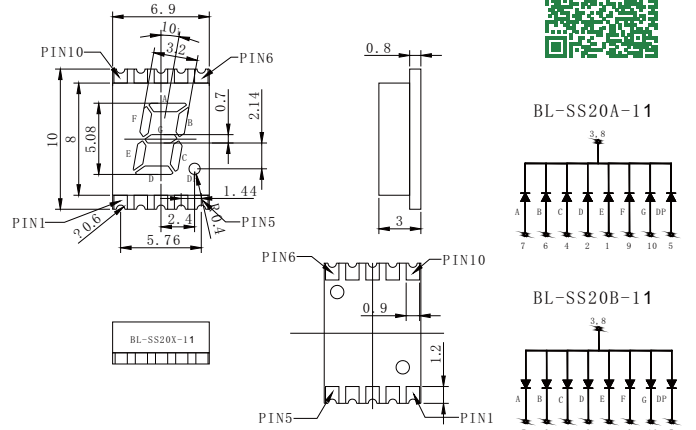
| | |
|------------------|---|
| 0-White Surface |  |
| 1-Black Surface |  |
| 2-Gray Surface |  |
| 3-Red Surface |  |
| 4-Green Surface |  |
| 5-Yellow Surface |  |
| 6-Blue Surface |  |

SMD LED Display

| Part No | | Chip | | | Vf unit:V | | Iv(mcd) | Drawing |
|----------------|--------------|------------|----------|------------------|-----------|------|---------|---------|
| Common Cathode | Common Anode | Emit Color | Material | λP (nm) | Min | Typ. | Typ. | |

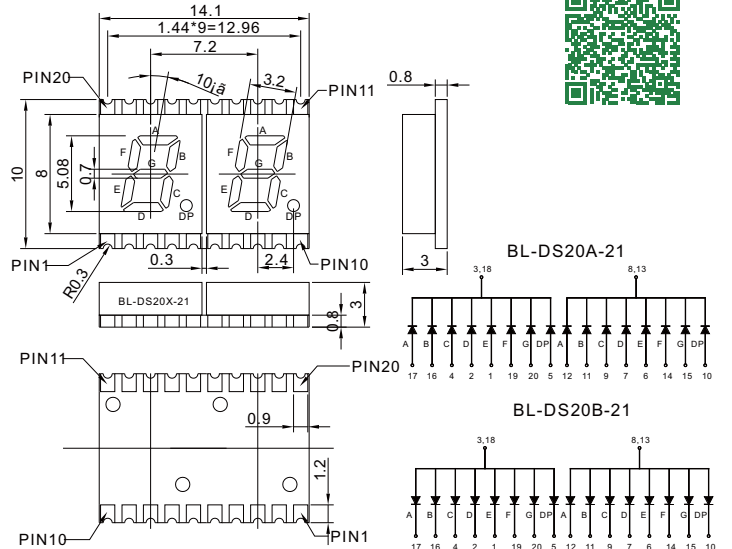
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|-------------------|-------------------|------------------|-----------------|-----|------|-----|----|
| BL-SS20A-11S-XX | BL-SS20B-11S-XX | Hi Red | GaAlAs/GaAs_SH | 660 | 1.85 | 2.2 | 6 |
| BL-SS20A-11D-XX | BL-SS20B-11D-XX | Super Red | GaAlAs/GaAs_DH | 660 | 1.85 | 2.2 | 12 |
| BL-SS20A-11UR-XX | BL-SS20B-11UR-XX | Ultra Red | GaAlAs/GaAs_DDH | 660 | 1.85 | 2.2 | 14 |
| BL-SS20A-11E-XX | BL-SS20B-11E-XX | Orange | GaAsP/GaP | 635 | 2.1 | 2.5 | 10 |
| BL-SS20A-11Y-XX | BL-SS20B-11Y-XX | Yellow | GaAsP/GaP | 585 | 2.1 | 2.5 | 10 |
| BL-SS20A-11G-XX | BL-SS20B-11G-XX | Green | GaP/GaP | 570 | 2.2 | 2.5 | 10 |
| BL-SS20A-11UHR-XX | BL-SS20B-11UHR-XX | Ultra Red | AlGaInP | 645 | 2.1 | 2.5 | 14 |
| BL-SS20A-11UE-XX | BL-SS20B-11UE-XX | Ultra Orange | AlGaInP | 630 | 2.1 | 2.5 | 12 |
| BL-SS20A-11YO-XX | BL-SS20B-11YO-XX | Ultra Amber | AlGaInP | 619 | 2.1 | 2.5 | 12 |
| BL-SS20A-11UY-XX | BL-SS20B-11UY-XX | Ultra Yellow | AlGaInP | 590 | 2.1 | 2.5 | 12 |
| BL-SS20A-11UG-XX | BL-SS20B-11UG-XX | Ultra Green | AlGaInP | 574 | 2.2 | 2.5 | 18 |
| BL-SS20A-11PG-XX | BL-SS20B-11PG-XX | Ultra Pure Green | InGaN | 525 | 3.8 | 4.5 | 22 |
| BL-SS20A-11B-XX | BL-SS20B-11B-XX | Ultra Blue | InGaN | 470 | 2.7 | 4.2 | 25 |
| BL-SS20A-11W-XX | BL-SS20B-11W-XX | Ultra White | InGaN | / | 2.7 | 4.2 | 30 |

BL-SS20X-11 Series



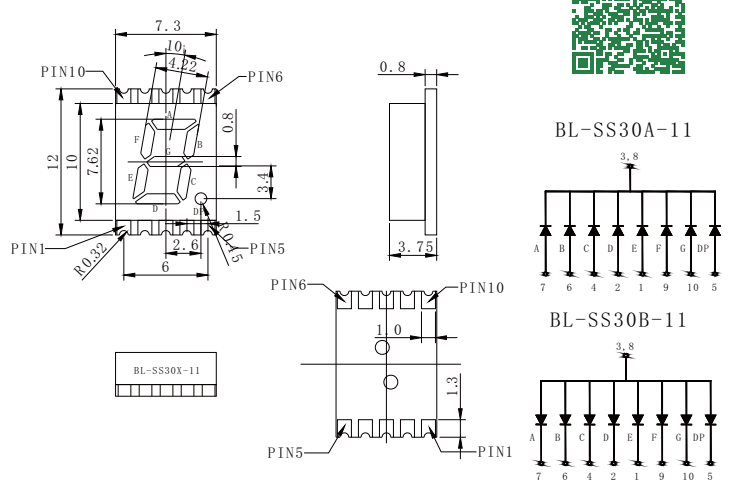
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|-------------------|-------------------|------------------|-----------------|-----|------|-----|-----|
| BL-DS20A-21S-XX | BL-DS20B-21S-XX | Hi Red | GaAlAs/GaAs_SH | 660 | 1.85 | 2.2 | 100 |
| BL-DS20A-21D-XX | BL-DS20B-21D-XX | Super Red | GaAlAs/GaAs_DH | 660 | 1.85 | 2.2 | 110 |
| BL-DS20A-21UR-XX | BL-DS20B-21UR-XX | Ultra Red | GaAlAs/GaAs_DDH | 660 | 1.85 | 2.2 | 150 |
| BL-DS20A-21E-XX | BL-DS20B-21E-XX | Orange | GaAsP/GaP | 635 | 2.1 | 2.5 | 45 |
| BL-DS20A-21Y-XX | BL-DS20B-21Y-XX | Yellow | GaAsP/GaP | 585 | 2.1 | 2.5 | 45 |
| BL-DS20A-21G-XX | BL-DS20B-21G-XX | Green | GaP/GaP | 570 | 2.2 | 2.5 | 45 |
| BL-DS20A-21UHR-XX | BL-DS20B-21UHR-XX | Ultra Red | AlGaInP | 645 | 2.1 | 2.5 | 150 |
| BL-DS20A-21UE-XX | BL-DS20B-21UE-XX | Ultra Orange | AlGaInP | 630 | 2.1 | 2.5 | 130 |
| BL-DS20A-21YO-XX | BL-DS20B-21YO-XX | Ultra Amber | AlGaInP | 619 | 2.1 | 2.5 | 130 |
| BL-DS20A-21UY-XX | BL-DS20B-21UY-XX | Ultra Yellow | AlGaInP | 590 | 2.1 | 2.5 | 120 |
| BL-DS20A-21UG-XX | BL-DS20B-21UG-XX | Ultra Green | AlGaInP | 574 | 2.2 | 2.5 | 90 |
| BL-DS20A-21PG-XX | BL-DS20B-21PG-XX | Ultra Pure Green | InGaN | 525 | 3.8 | 4.5 | 180 |
| BL-DS20A-21B-XX | BL-DS20B-21B-XX | Ultra Blue | InGaN | 470 | 2.7 | 4.2 | 70 |
| BL-DS20A-21W-XX | BL-DS20B-21W-XX | Ultra White | InGaN | / | 2.7 | 4.2 | 70 |

BL-DS20X-21 Series



| | | | | | | | |
|-------------------|-------------------|------------------|-----------------|-----|------|-----|----|
| BL-SS30A-11S-XX | BL-SS30B-11S-XX | Hi Red | GaAlAs/GaAs_SH | 660 | 1.85 | 2.2 | 6 |
| BL-SS30A-11D-XX | BL-SS30B-11D-XX | Super Red | GaAlAs/GaAs_DH | 660 | 1.85 | 2.2 | 12 |
| BL-SS30A-11UR-XX | BL-SS30B-11UR-XX | Ultra Red | GaAlAs/GaAs_DDH | 660 | 1.85 | 2.2 | 14 |
| BL-SS30A-11E-XX | BL-SS30B-11E-XX | Orange | GaAsP/GaP | 635 | 2.1 | 2.5 | 10 |
| BL-SS30A-11Y-XX | BL-SS30B-11Y-XX | Yellow | GaAsP/GaP | 585 | 2.1 | 2.5 | 10 |
| BL-SS30A-11G-XX | BL-SS30B-11G-XX | Green | GaP/GaP | 570 | 2.2 | 2.5 | 10 |
| BL-SS30A-11UHR-XX | BL-SS30B-11UHR-XX | Ultra Red | AlGaInP | 645 | 2.1 | 2.5 | 14 |
| BL-SS30A-11UE-XX | BL-SS30B-11UE-XX | Ultra Orange | AlGaInP | 630 | 2.1 | 2.5 | 12 |
| BL-SS30A-11YO-XX | BL-SS30B-11YO-XX | Ultra Amber | AlGaInP | 619 | 2.1 | 2.5 | 12 |
| BL-SS30A-11UY-XX | BL-SS30B-11UY-XX | Ultra Yellow | AlGaInP | 590 | 2.1 | 2.5 | 12 |
| BL-SS30A-11UG-XX | BL-SS30B-11UG-XX | Ultra Green | AlGaInP | 574 | 2.2 | 2.5 | 18 |
| BL-SS30A-11PG-XX | BL-SS30B-11PG-XX | Ultra Pure Green | InGaN | 525 | 3.8 | 4.5 | 22 |
| BL-SS30A-11B-XX | BL-SS30B-11B-XX | Ultra Blue | InGaN | 470 | 2.7 | 4.2 | 25 |
| BL-SS30A-11W-XX | BL-SS30B-11W-XX | Ultra White | InGaN | / | 2.7 | 4.2 | 30 |

BL-SS30X-11 Series



All dimensions are in millimeters (inches)
Tolerance is $\pm 0.25(0.01)$ unless otherwise note

For more, please visit <http://www.betlux.com>

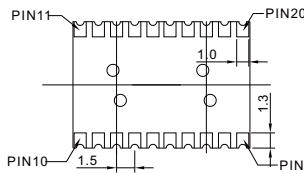
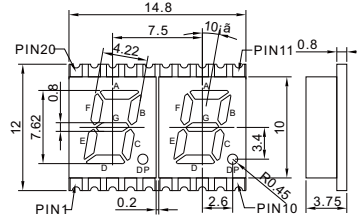
SMD LED Display

| Part No | | Chip | | | Vf unit:V | | Iv(mcd) |
|----------------|--------------|------------|----------|------------------|-----------|------|---------|
| Common Cathode | Common Anode | Emit Color | Material | λP (nm) | Min | Typ. | Typ. |

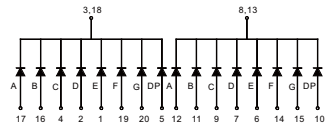
Drawing

| | | | | | | | |
|-------------------|-------------------|------------------|-----------------|-----|------|-----|-----|
| BL-DS30A-21S-XX | BL-DS30B-21S-XX | Hi Red | GaAlAs/GaAs.SH | 660 | 1.85 | 2.2 | 100 |
| BL-DS30A-21D-XX | BL-DS30B-21D-XX | Super Red | GaAlAs/GaAs.DH | 660 | 1.85 | 2.2 | 110 |
| BL-DS30A-21UR-XX | BL-DS30B-21UR-XX | Ultra Red | GaAlAs/GaAs.DDH | 660 | 1.85 | 2.2 | 150 |
| BL-DS30A-21E-XX | BL-DS30B-21E-XX | Orange | GaAsP/GaP | 635 | 2.1 | 2.5 | 45 |
| BL-DS30A-21Y-XX | BL-DS30B-21Y-XX | Yellow | GaAsP/GaP | 585 | 2.1 | 2.5 | 45 |
| BL-DS30A-21G-XX | BL-DS30B-21G-XX | Green | GaP/GaP | 570 | 2.2 | 2.5 | 45 |
| BL-DS30A-21UHR-XX | BL-DS30B-21UHR-XX | Ultra Red | AlGaInP | 645 | 2.1 | 2.5 | 150 |
| BL-DS30A-21UE-XX | BL-DS30B-21UE-XX | Ultra Orange | AlGaInP | 630 | 2.1 | 2.5 | 130 |
| BL-DS30A-21YO-XX | BL-DS30B-21YO-XX | Ultra Amber | AlGaInP | 619 | 2.1 | 2.5 | 130 |
| BL-DS30A-21UY-XX | BL-DS30B-21UY-XX | Ultra Yellow | AlGaInP | 590 | 2.1 | 2.5 | 120 |
| BL-DS30A-21UG-XX | BL-DS30B-21UG-XX | Ultra Green | AlGaInP | 574 | 2.2 | 2.5 | 90 |
| BL-DS30A-21PG-XX | BL-DS30B-21PG-XX | Ultra Pure Green | InGaN | 525 | 3.8 | 4.5 | 180 |
| BL-DS30A-21B-XX | BL-DS30B-21B-XX | Ultra Blue | InGaN | 470 | 2.7 | 4.2 | 70 |
| BL-DS30A-21W-XX | BL-DS30B-21W-XX | Ultra White | InGaN | / | 2.7 | 4.2 | 70 |

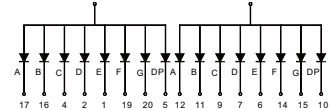
BL-DS30X-21 Series



BL-DS30A-21

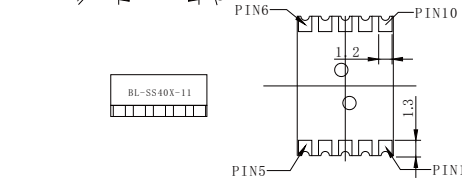
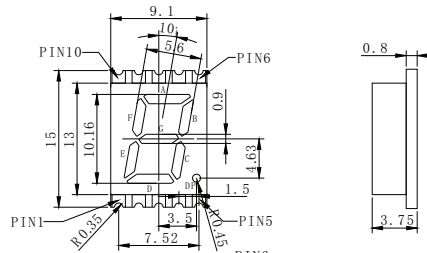


BL-DS30B-21

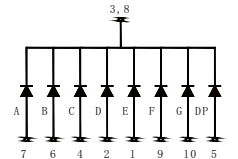


| | | | | | | | |
|-------------------|-------------------|------------------|-----------------|-----|------|-----|----|
| BL-SS40A-11S-XX | BL-SS40B-11S-XX | Hi Red | GaAlAs/GaAs.SH | 660 | 1.85 | 2.2 | 8 |
| BL-SS40A-11D-XX | BL-SS40B-11D-XX | Super Red | GaAlAs/GaAs.DH | 660 | 1.85 | 2.2 | 15 |
| BL-SS40A-11UR-XX | BL-SS40B-11UR-XX | Ultra Red | GaAlAs/GaAs.DDH | 660 | 1.85 | 2.2 | 17 |
| BL-SS40A-11E-XX | BL-SS40B-11E-XX | Orange | GaAsP/GaP | 635 | 2.1 | 2.5 | 10 |
| BL-SS40A-11Y-XX | BL-SS40B-11Y-XX | Yellow | GaAsP/GaP | 585 | 2.1 | 2.5 | 10 |
| BL-SS40A-11G-XX | BL-SS40B-11G-XX | Green | GaP/GaP | 570 | 2.2 | 2.5 | 10 |
| BL-SS40A-11UHR-XX | BL-SS40B-11UHR-XX | Ultra Red | AlGaInP | 645 | 2.1 | 2.5 | 17 |
| BL-SS40A-11UE-XX | BL-SS40B-11UE-XX | Ultra Orange | AlGaInP | 630 | 2.1 | 2.5 | 13 |
| BL-SS40A-11YO-XX | BL-SS40B-11YO-XX | Ultra Amber | AlGaInP | 619 | 2.1 | 2.5 | 13 |
| BL-SS40A-11UY-XX | BL-SS40B-11UY-XX | Ultra Yellow | AlGaInP | 590 | 2.1 | 2.5 | 13 |
| BL-SS40A-11UG-XX | BL-SS40B-11UG-XX | Ultra Green | AlGaInP | 574 | 2.2 | 2.5 | 15 |
| BL-SS40A-11PG-XX | BL-SS40B-11PG-XX | Ultra Pure Green | InGaN | 525 | 3.8 | 4.5 | 20 |
| BL-SS40A-11B-XX | BL-SS40B-11B-XX | Ultra Blue | InGaN | 470 | 2.7 | 4.2 | 26 |
| BL-SS40A-11W-XX | BL-SS40B-11W-XX | Ultra White | InGaN | / | 2.7 | 4.2 | 32 |

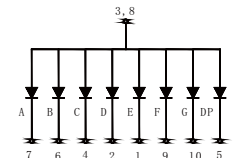
BL-SS40X-11 Series



BL-SS40A-11

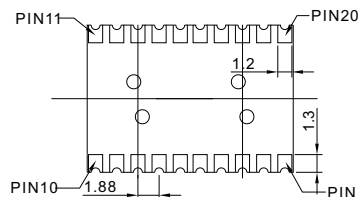
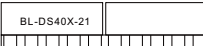
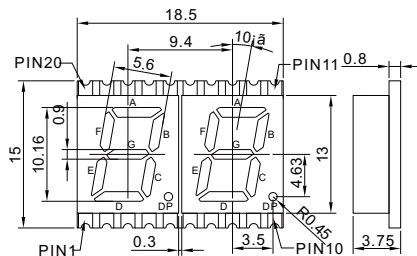


BL-SS40B-11

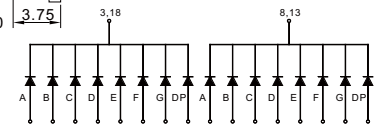


| | | | | | | | |
|-------------------|-------------------|------------------|-----------------|-----|------|-----|-----|
| BL-DS40A-21S-XX | BL-DS40B-21S-XX | Hi Red | GaAlAs/GaAs.SH | 660 | 1.85 | 2.2 | 90 |
| BL-DS40A-21D-XX | BL-DS40B-21D-XX | Super Red | GaAlAs/GaAs.DH | 660 | 1.85 | 2.2 | 110 |
| BL-DS40A-21UR-XX | BL-DS40B-21UR-XX | Ultra Red | GaAlAs/GaAs.DDH | 660 | 1.85 | 2.2 | 150 |
| BL-DS40A-21E-XX | BL-DS40B-21E-XX | Orange | GaAsP/GaP | 635 | 2.1 | 2.5 | 55 |
| BL-DS40A-21Y-XX | BL-DS40B-21Y-XX | Yellow | GaAsP/GaP | 585 | 2.1 | 2.5 | 60 |
| BL-DS40A-21G-XX | BL-DS40B-21G-XX | Green | GaP/GaP | 570 | 2.2 | 2.5 | 40 |
| BL-DS40A-21UHR-XX | BL-DS40B-21UHR-XX | Ultra Red | AlGaInP | 645 | 2.1 | 2.5 | 150 |
| BL-DS40A-21UE-XX | BL-DS40B-21UE-XX | Ultra Orange | AlGaInP | 630 | 2.1 | 2.5 | 115 |
| BL-DS40A-21YO-XX | BL-DS40B-21YO-XX | Ultra Amber | AlGaInP | 619 | 2.1 | 2.5 | 115 |
| BL-DS40A-21UY-XX | BL-DS40B-21UY-XX | Ultra Yellow | AlGaInP | 590 | 2.1 | 2.5 | 115 |
| BL-DS40A-21UG-XX | BL-DS40B-21UG-XX | Ultra Green | AlGaInP | 574 | 2.2 | 2.5 | 100 |
| BL-DS40A-21PG-XX | BL-DS40B-21PG-XX | Ultra Pure Green | InGaN | 525 | 3.8 | 4.5 | 185 |
| BL-DS40A-21B-XX | BL-DS40B-21B-XX | Ultra Blue | InGaN | 470 | 2.7 | 4.2 | 70 |
| BL-DS40A-21W-XX | BL-DS40B-21W-XX | Ultra White | InGaN | / | 2.7 | 4.2 | 70 |

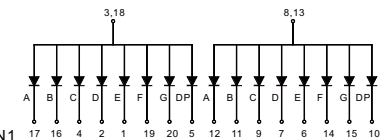
BL-DS40X-21 Series



BL-DS40A-21



BL-DS40B-21



All dimensions are in millimeters (inches)
Tolerance is $\pm 0.25(0.01)$ unless otherwise note

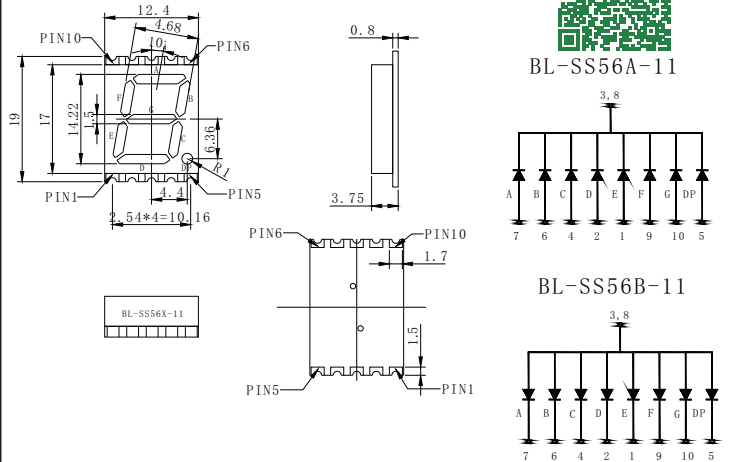
For more, please visit <http://www.betlux.com>

SMD LED Display

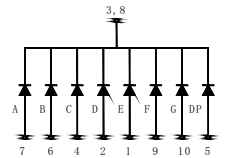
| Part No | | Chip | | | Vf unit:V | | Iv(mcd) |
|-------------------|-------------------|------------------|-----------------|------------------|-----------|------|---------|
| Common Cathode | Common Anode | Emit Color | Material | λP (nm) | Min | Typ. | Typ. |
| BL-SS56A-11S-XX | BL-SS56B-11S-XX | Hi Red | GaAlAs/GaAs,SH | 660 | 1.85 | 2.2 | 30 |
| BL-SS56A-11D-XX | BL-SS56B-11D-XX | Super Red | GaAlAs/GaAs,DH | 660 | 1.85 | 2.2 | 45 |
| BL-SS56A-11UR-XX | BL-SS56B-11UR-XX | Ultra Red | GaAlAs/GaAs,DDH | 660 | 1.85 | 2.2 | 50 |
| BL-SS56A-11E-XX | BL-SS56B-11E-XX | Orange | GaAsP/GaP | 635 | 2.1 | 2.5 | 35 |
| BL-SS56A-11Y-XX | BL-SS56B-11Y-XX | Yellow | GaAsP/GaP | 585 | 2.1 | 2.5 | 35 |
| BL-SS56A-11G-XX | BL-SS56B-11G-XX | Green | GaP/GaP | 570 | 2.2 | 2.5 | 35 |
| BL-SS56A-11UHR-XX | BL-SS56B-11UHR-XX | Ultra Red | AlGaInP | 645 | 2.1 | 2.5 | 50 |
| BL-SS56A-11UE-XX | BL-SS56B-11UE-XX | Ultra Orange | AlGaInP | 630 | 2.1 | 2.5 | 38 |
| BL-SS56A-11YO-XX | BL-SS56B-11YO-XX | Ultra Amber | AlGaInP | 619 | 2.1 | 2.5 | 38 |
| BL-SS56A-11UY-XX | BL-SS56B-11UY-XX | Ultra Yellow | AlGaInP | 590 | 2.1 | 2.5 | 38 |
| BL-SS56A-11UG-XX | BL-SS56B-11UG-XX | Ultra Green | AlGaInP | 574 | 2.2 | 2.5 | 45 |
| BL-SS56A-11PG-XX | BL-SS56B-11PG-XX | Ultra Pure Green | InGaN | 525 | 3.8 | 4.5 | 60 |
| BL-SS56A-11B-XX | BL-SS56B-11B-XX | Ultra Blue | InGaN | 470 | 2.7 | 4.2 | 58 |
| BL-SS56A-11W-XX | BL-SS56B-11W-XX | Ultra White | InGaN | / | 2.7 | 4.2 | 65 |

Drawing

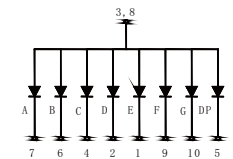
BL-SS56X-11 Series



BL-SS56A-11

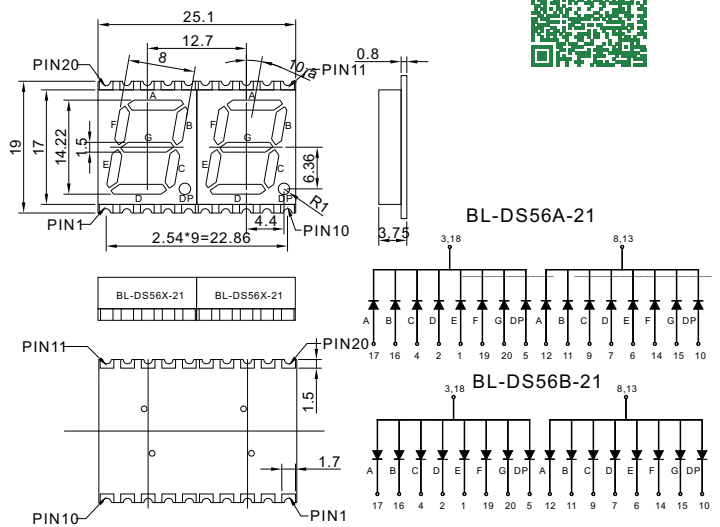


BL-SS56B-11

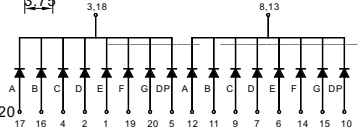


| | | | | | | | |
|-------------------|-------------------|------------------|-----------------|-----|------|-----|-----|
| BL-DS56A-21S-XX | BL-DS56B-21S-XX | Hi Red | GaAlAs/GaAs,SH | 660 | 1.85 | 2.2 | 120 |
| BL-DS56A-21D-XX | BL-DS56B-21D-XX | Super Red | GaAlAs/GaAs,DH | 660 | 1.85 | 2.2 | 140 |
| BL-DS56A-21UR-XX | BL-DS56B-21UR-XX | Ultra Red | GaAlAs/GaAs,DDH | 660 | 1.85 | 2.2 | 160 |
| BL-DS56A-21E-XX | BL-DS56B-21E-XX | Orange | GaAsP/GaP | 635 | 2.1 | 2.5 | 60 |
| BL-DS56A-21Y-XX | BL-DS56B-21Y-XX | Yellow | GaAsP/GaP | 585 | 2.1 | 2.5 | 55 |
| BL-DS56A-21G-XX | BL-DS56B-21G-XX | Green | GaP/GaP | 570 | 2.2 | 2.5 | 55 |
| BL-DS56A-21UHR-XX | BL-DS56B-21UHR-XX | Ultra Red | AlGaInP | 645 | 2.1 | 2.5 | 160 |
| BL-DS56A-21UE-XX | BL-DS56B-21UE-XX | Ultra Orange | AlGaInP | 630 | 2.1 | 2.5 | 120 |
| BL-DS56A-21YO-XX | BL-DS56B-21YO-XX | Ultra Amber | AlGaInP | 619 | 2.1 | 2.5 | 75 |
| BL-DS56A-21UY-XX | BL-DS56B-21UY-XX | Ultra Yellow | AlGaInP | 590 | 2.1 | 2.5 | 75 |
| BL-DS56A-21UG-XX | BL-DS56B-21UG-XX | Ultra Green | AlGaInP | 574 | 2.2 | 2.5 | 75 |
| BL-DS56A-21PG-XX | BL-DS56B-21PG-XX | Ultra Pure Green | InGaN | 525 | 3.8 | 4.5 | 190 |
| BL-DS56A-21B-XX | BL-DS56B-21B-XX | Ultra Blue | InGaN | 470 | 2.7 | 4.2 | 88 |
| BL-DS56A-21W-XX | BL-DS56B-21W-XX | Ultra White | InGaN | / | 2.7 | 4.2 | 88 |

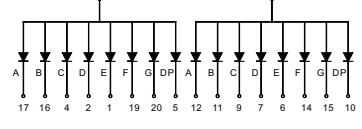
BL-DS56X-21 Series



BL-DS56A-21

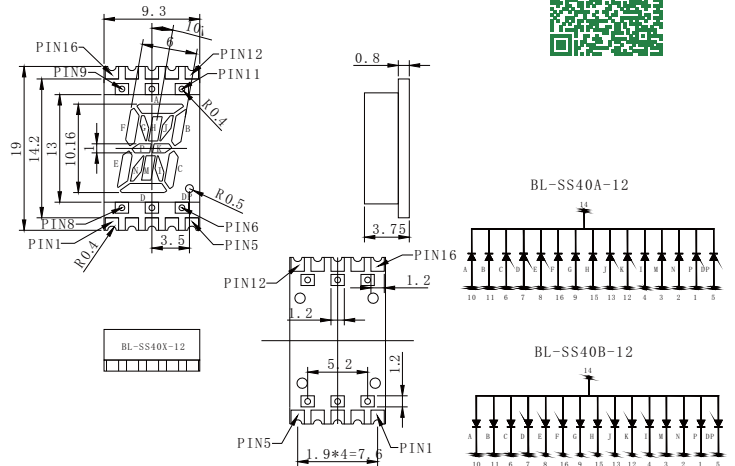


BL-DS56B-21

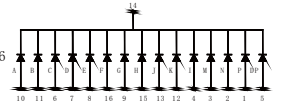


| | | | | | | | |
|-------------------|-------------------|------------------|-----------------|-----|------|-----|----|
| BL-SS40A-12S-XX | BL-SS40B-12S-XX | Hi Red | GaAlAs/GaAs,SH | 660 | 1.85 | 2.2 | 8 |
| BL-SS40A-12D-XX | BL-SS40B-12D-XX | Super Red | GaAlAs/GaAs,DH | 660 | 1.85 | 2.2 | 15 |
| BL-SS40A-12UR-XX | BL-SS40B-12UR-XX | Ultra Red | GaAlAs/GaAs,DDH | 660 | 1.85 | 2.2 | 17 |
| BL-SS40A-12E-XX | BL-SS40B-12E-XX | Orange | GaAsP/GaP | 635 | 2.1 | 2.5 | 10 |
| BL-SS40A-12Y-XX | BL-SS40B-12Y-XX | Yellow | GaAsP/GaP | 585 | 2.1 | 2.5 | 10 |
| BL-SS40A-12G-XX | BL-SS40B-12G-XX | Green | GaP/GaP | 570 | 2.2 | 2.5 | 10 |
| BL-SS40A-12UHR-XX | BL-SS40B-12UHR-XX | Ultra Red | AlGaInP | 645 | 2.1 | 2.5 | 17 |
| BL-SS40A-12UE-XX | BL-SS40B-12UE-XX | Ultra Orange | AlGaInP | 630 | 2.1 | 2.5 | 13 |
| BL-SS40A-12YO-XX | BL-SS40B-12YO-XX | Ultra Amber | AlGaInP | 619 | 2.1 | 2.5 | 13 |
| BL-SS40A-12UY-XX | BL-SS40B-12UY-XX | Ultra Yellow | AlGaInP | 590 | 2.1 | 2.5 | 13 |
| BL-SS40A-12UG-XX | BL-SS40B-12UG-XX | Ultra Green | AlGaInP | 574 | 2.2 | 2.5 | 15 |
| BL-SS40A-12PG-XX | BL-SS40B-12PG-XX | Ultra Pure Green | InGaN | 525 | 3.8 | 4.5 | 20 |
| BL-SS40A-12B-XX | BL-SS40B-12B-XX | Ultra Blue | InGaN | 470 | 2.7 | 4.2 | 26 |
| BL-SS40A-12W-XX | BL-SS40B-12W-XX | Ultra White | InGaN | / | 2.7 | 4.2 | 32 |

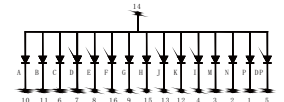
BL-SS40X-12 Series



BL-SS40A-12



BL-SS40B-12



All dimensions are in millimeters (inches)
Tolerance is $\pm 0.25(0.01)$ unless otherwise note

For more, please visit <http://www.betlux.com>