

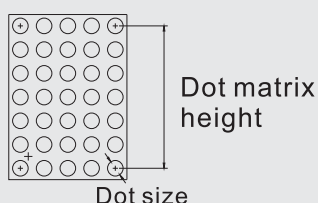
Designation system

Dot Matrix LED Display

BL- BETLUX

M M-Dot Matrix

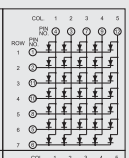
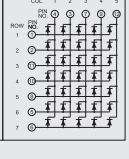
07 Dot Height and dot size:
 07:0.7" 1.9mm dot 20:2.0" 5mm dot
 12:1.2" 3.0mm dot 23:2.3" 5mm dot
 14:1.4" 3.0mm dot 30:3.0" 7.62mm dot
 15"1.5" 3.7mm dot 40:4.0" 10mm dot
 19:1.9" 4.8mm dot 46:4.6" 10mm dot



A Model Number







88 Column Number and Row Number
 57: 5*7
 88: 8*8
 67: 6*7
 58: 5*8
 59: 5*9
 FF:16*16

1 Drive Mode








A.C.E.G.I.K. M.O.Q.S.U.W	Row Cathode, Column Anode	
B.D.F.H.J.L. N.P.R.T.V.X	Row Anode, Column Cathode	

S- Special Device:
-Lxx: Pin Length

2 Dot Epoxy Color:

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

1- Reflector Surface Color:

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

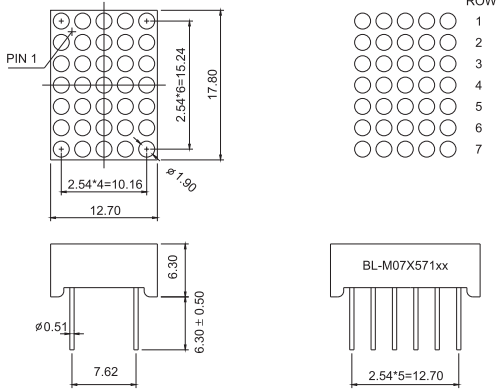
L4

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

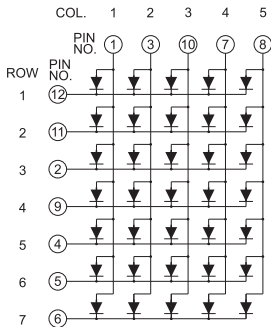
Dot Matrix LED Display

Dimension and Circuit

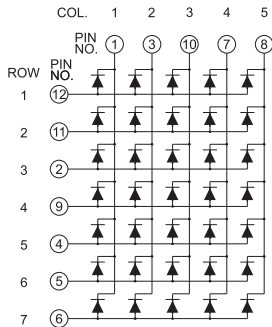
BL-M07X571 Series



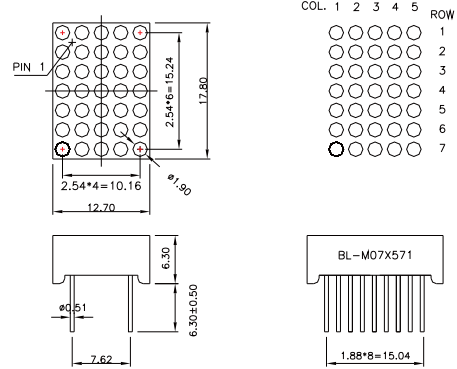
BL-M07A571



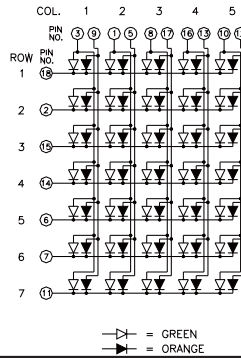
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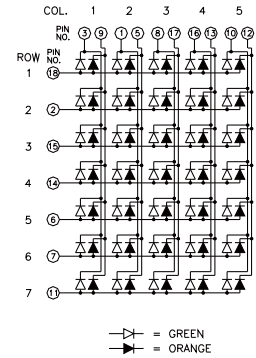
BL-M07X571 Series



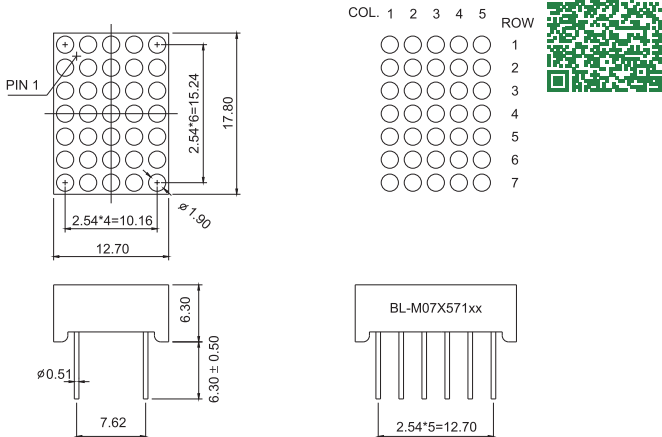
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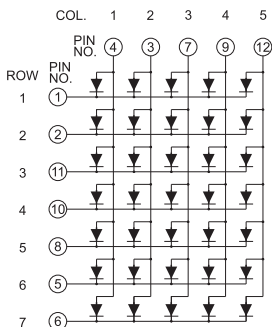
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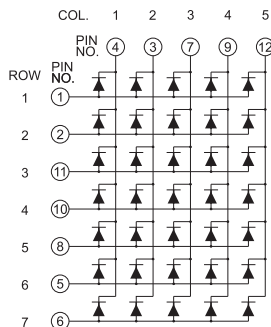
BL-M07X571 Series



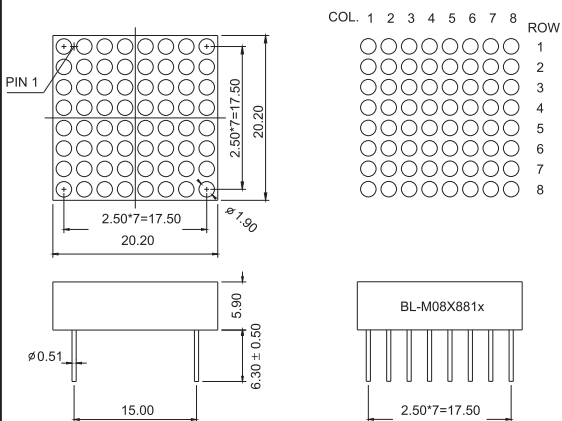
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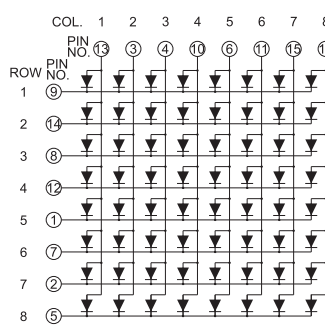
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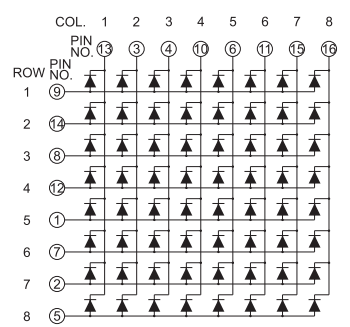
BL-M07X881 Series



BL-M07A881



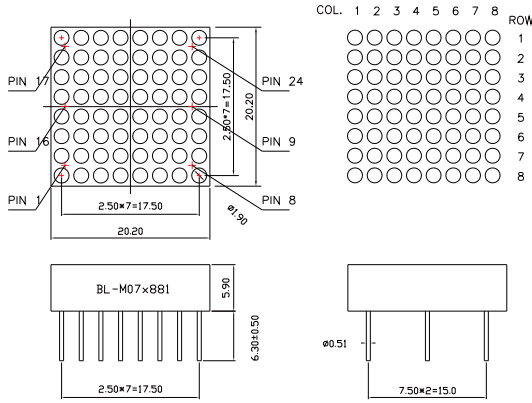
BL-M07B881



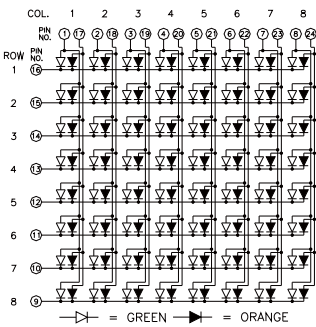
Dot Matrix LED Display

Dimension and Circuit

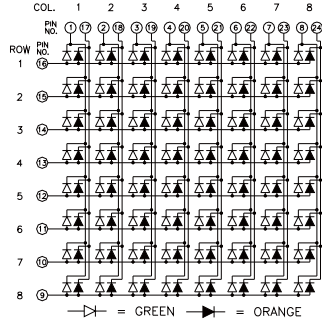
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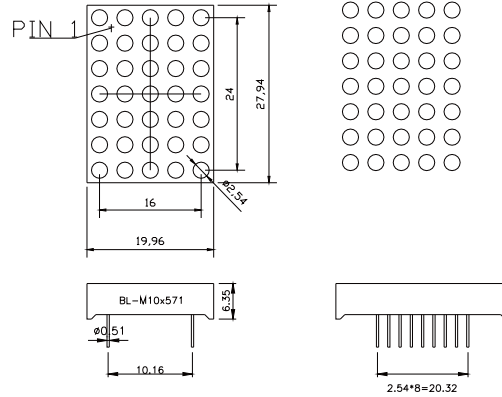
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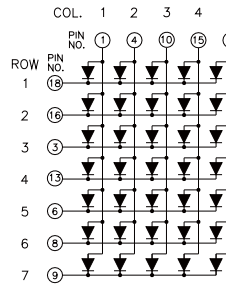
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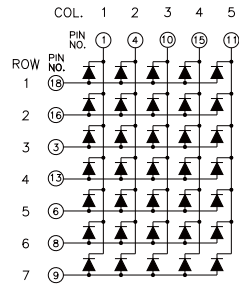
BL-M10X571 Series



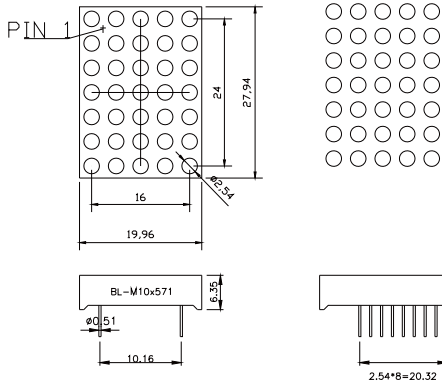
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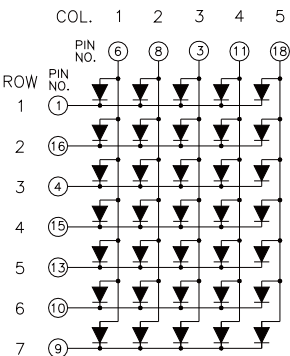
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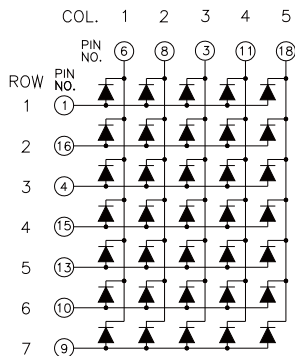
BL-M10X571 Series



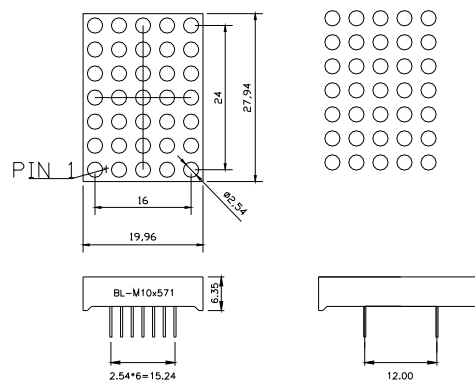
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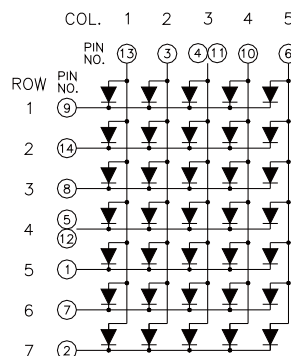
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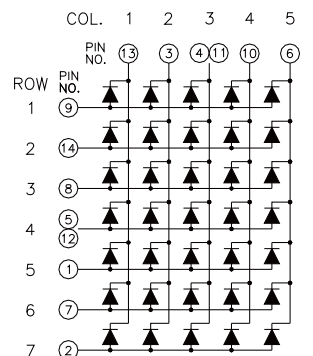
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BL-M10E571



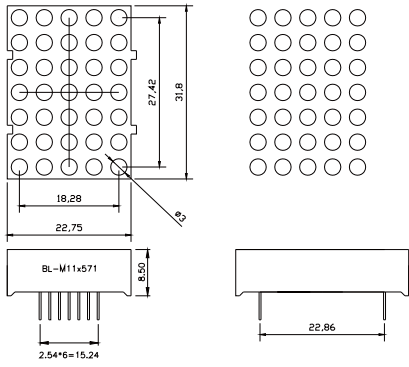
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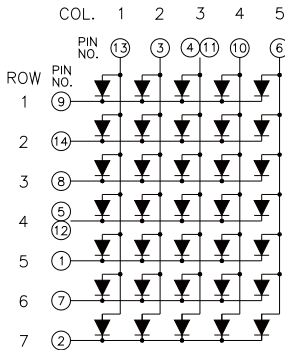
Dot Matrix LED Display

Dimension and Circuit

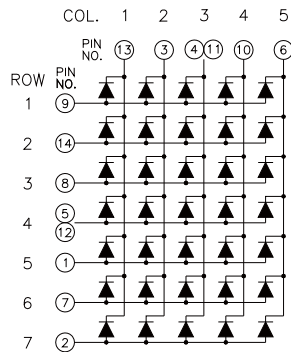
BL-M11X571 Series



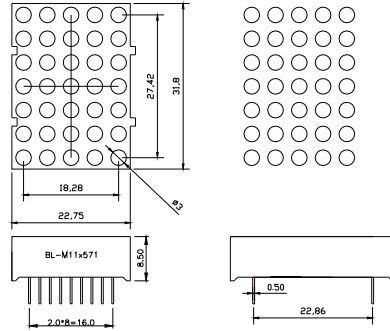
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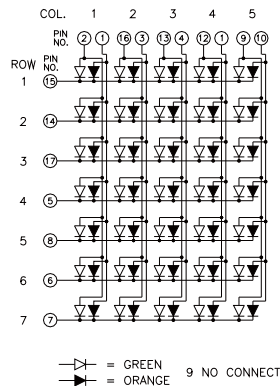
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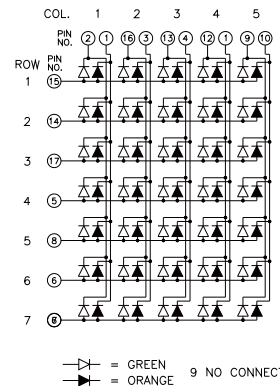
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BL-M11C571EG



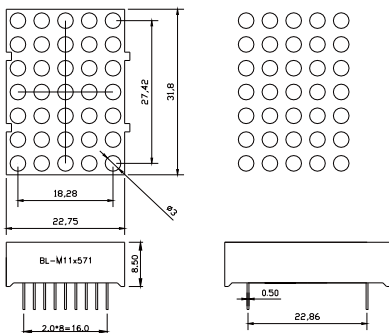
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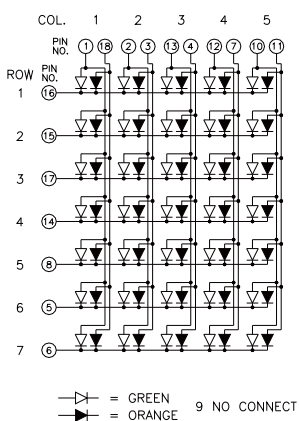
= GREEN
 = ORANGE 9 NO CONNECT

= GREEN
 = ORANGE 9 NO CONNECT

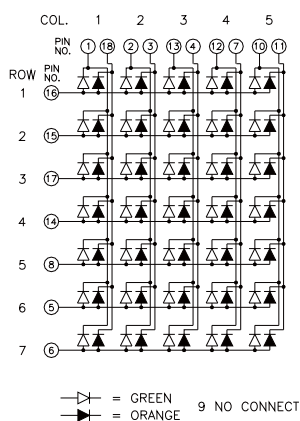
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BL-M11A571EG



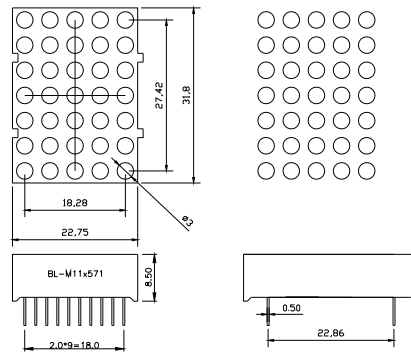
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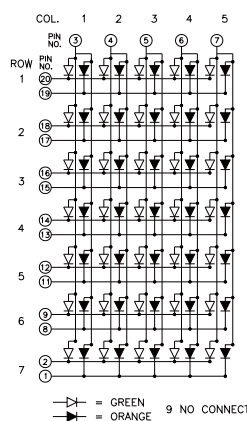
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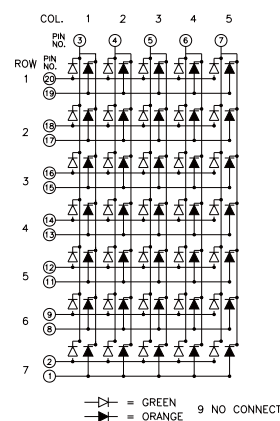
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BL-M11E571EG



BL-M11F571EG



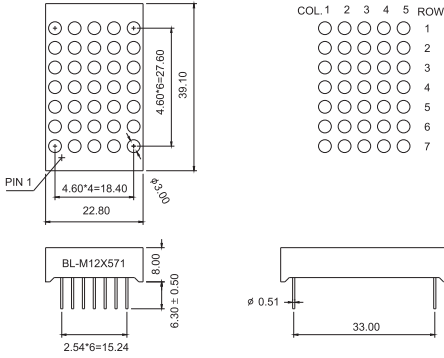
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= GREEN
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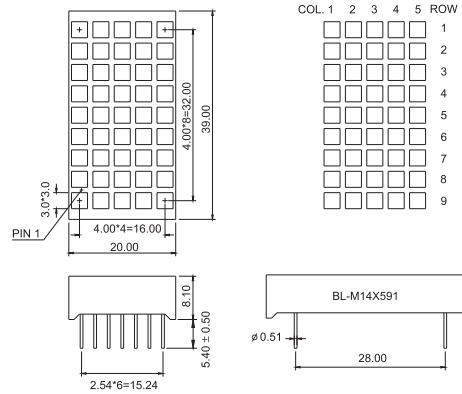
Dot Matrix LED Display

Dimension and Circuit

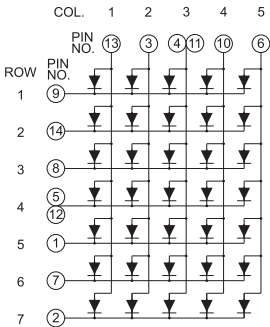
BL-M12X571 Series



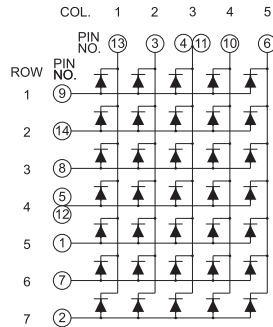
BL-M12X591 Series



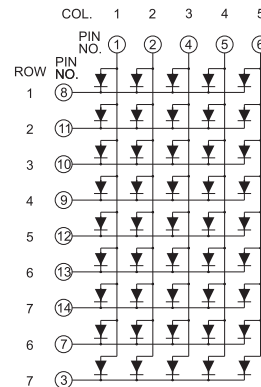
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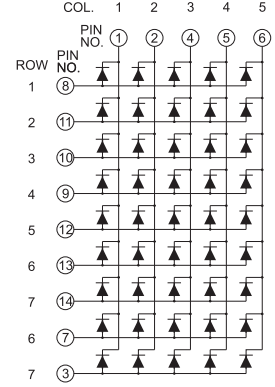
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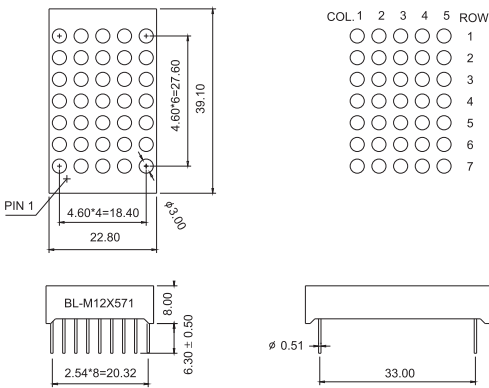
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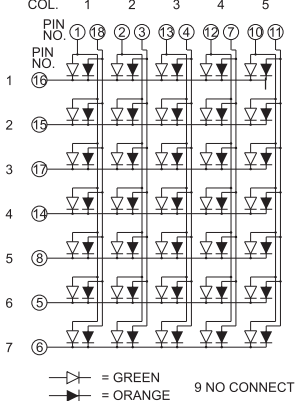
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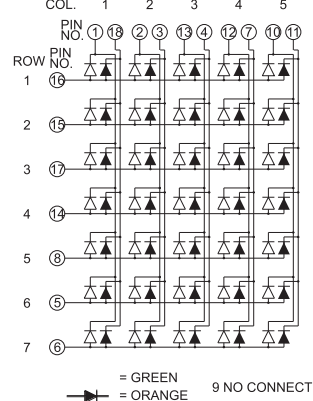
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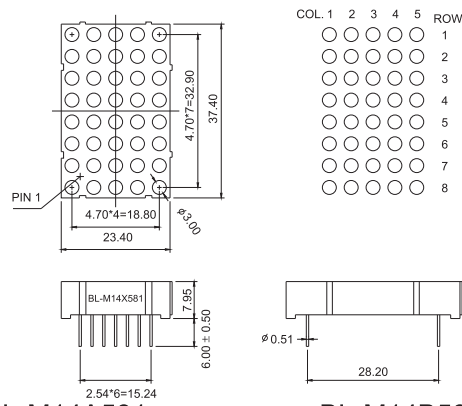
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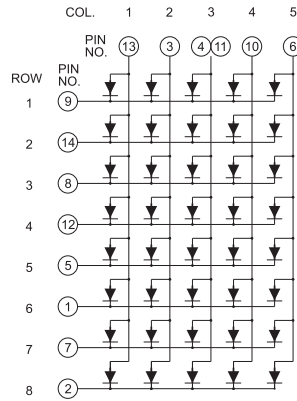
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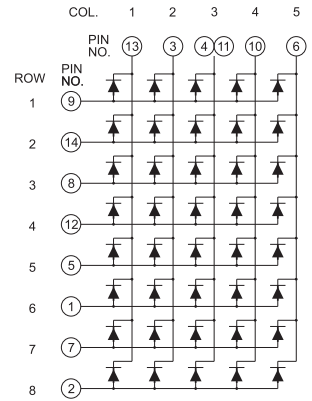
BL-M14X581 Series



BL-M14A581



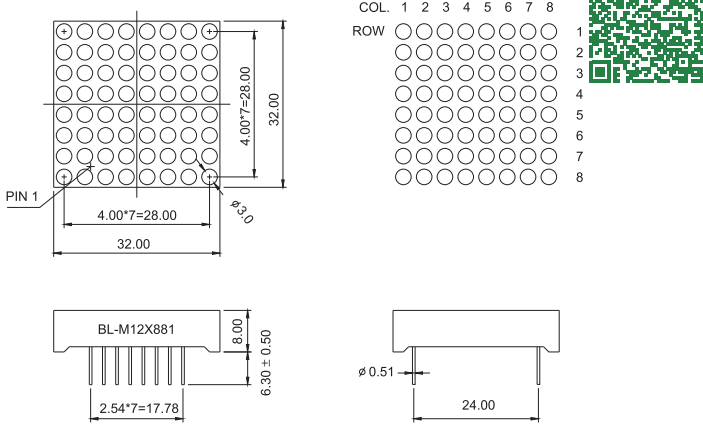
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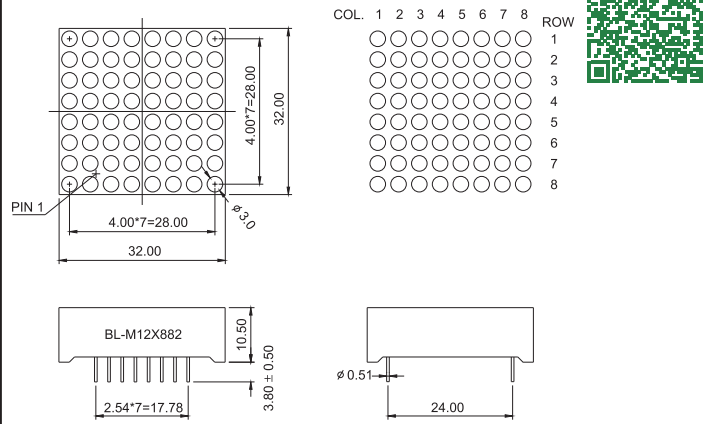
Dot Matrix LED Display

Dimension and Circuit

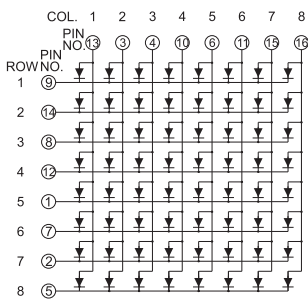
BL-M12X881 Series



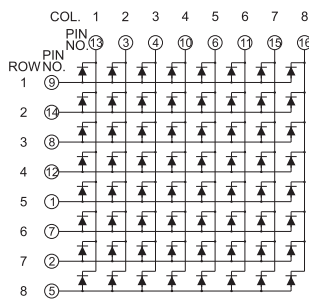
BL-M12X882 Series



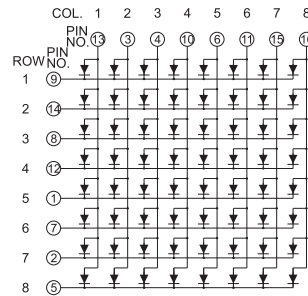
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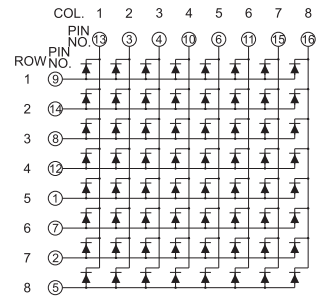
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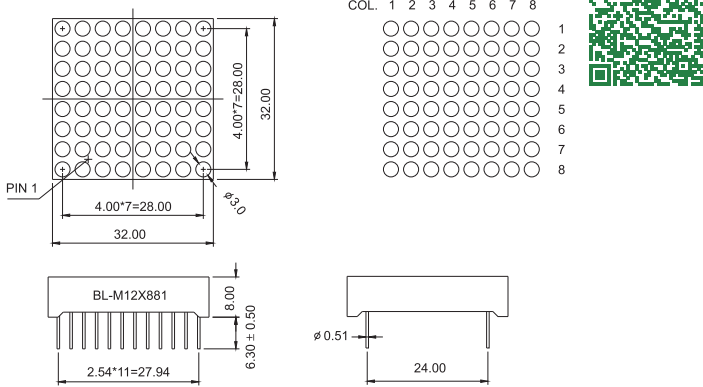
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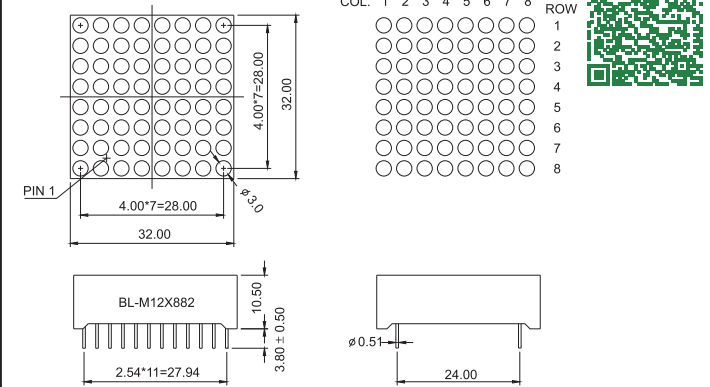
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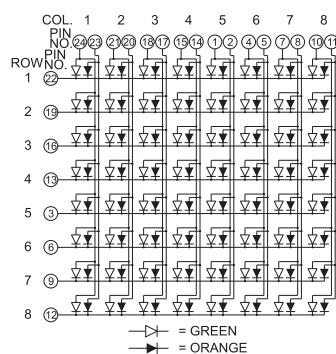
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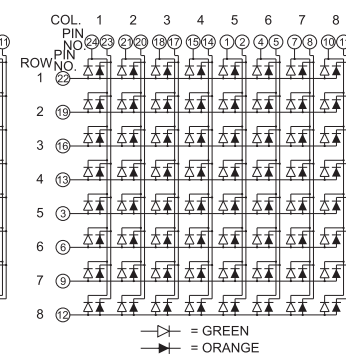
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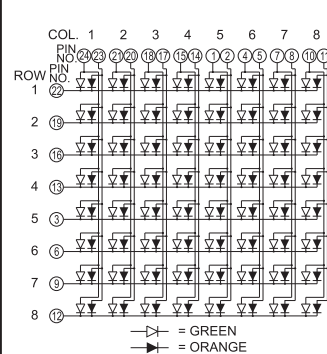
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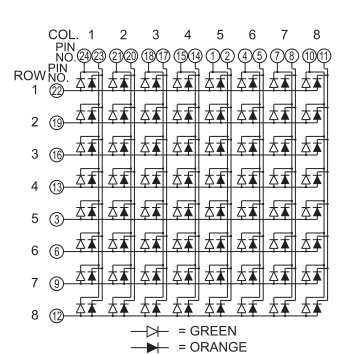
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BL-M12A882EG



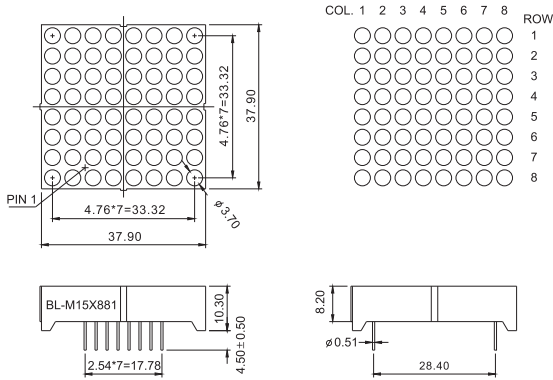
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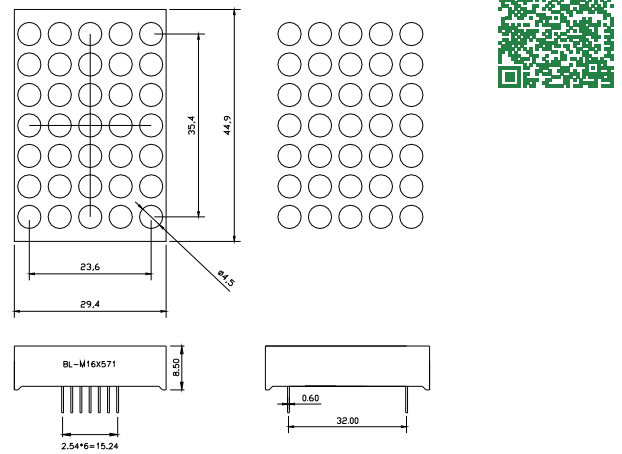
Dot Matrix LED Display

Dimension and Circuit

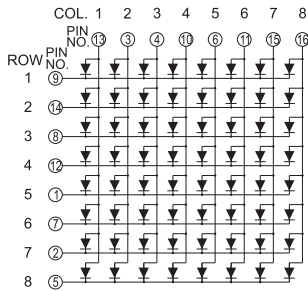
BL-M15X881 Series



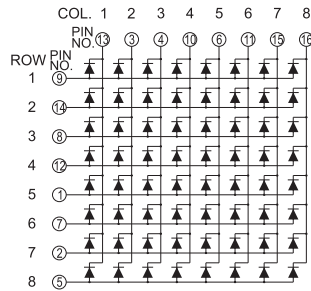
BL-M16X571 Series



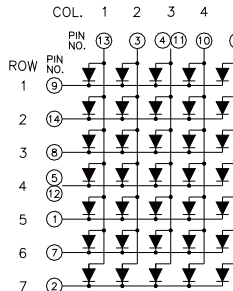
BL-M15A881



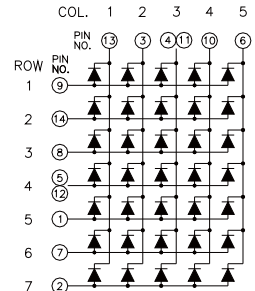
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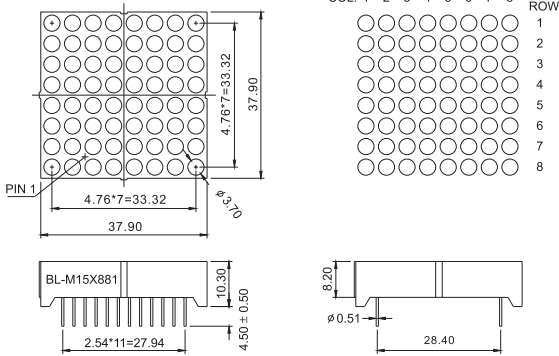
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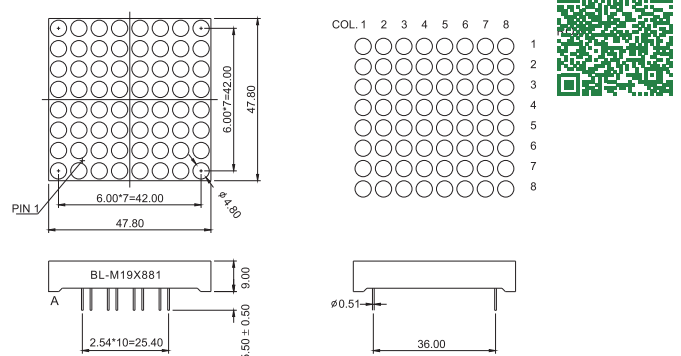
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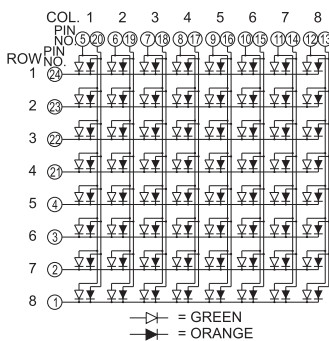
BL-M15X881 Series



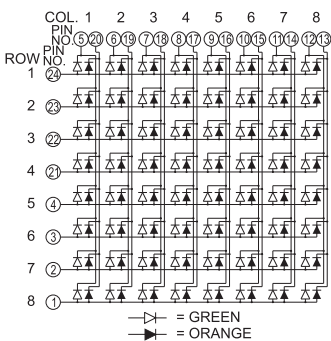
BL-M19X881 Series



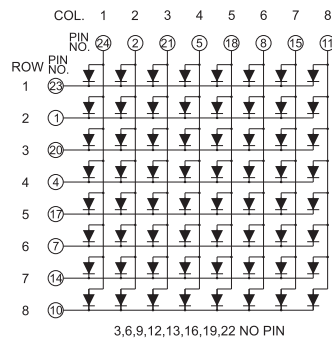
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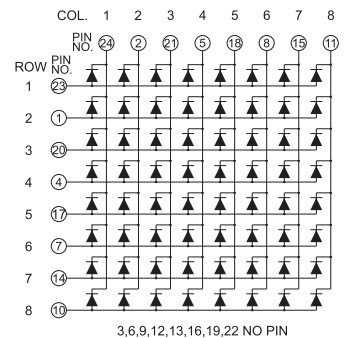
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BL-M19A881



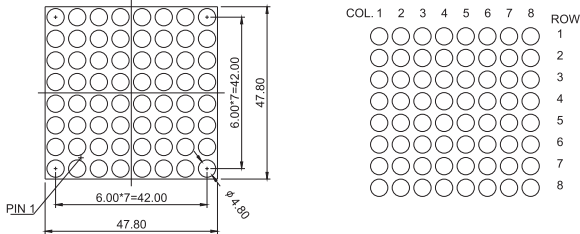
BL-M19B881



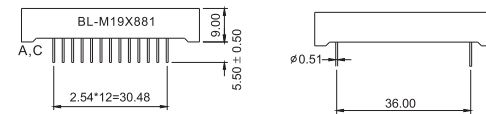
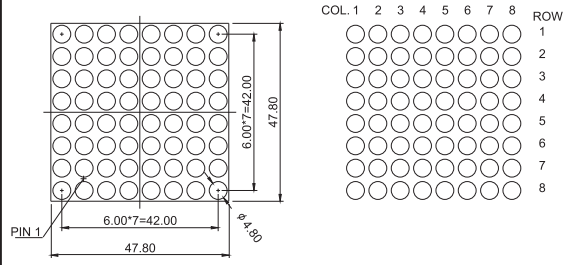
Dot Matrix LED Display

Dimension and Circuit

BL-M19X881 Series



BL-M19X881 Series

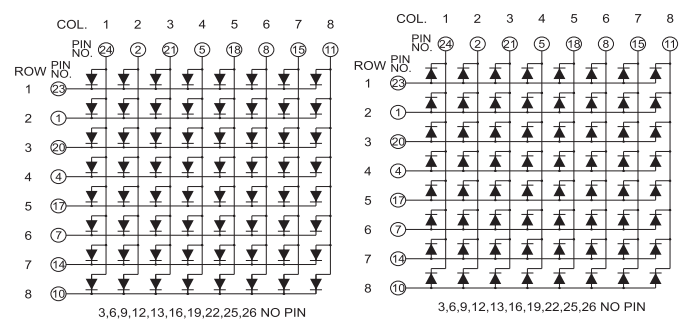
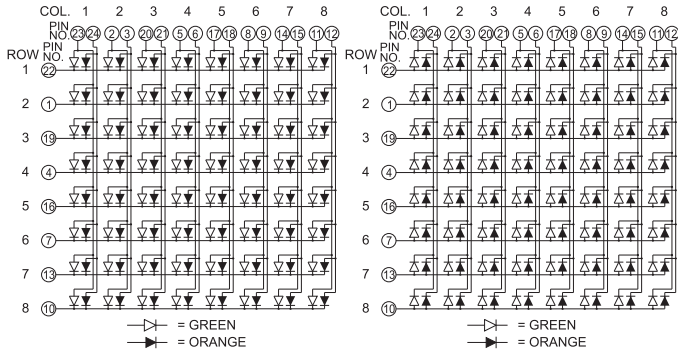


BL-M19A881EG

BL-M19B881EG

BL-M19C881

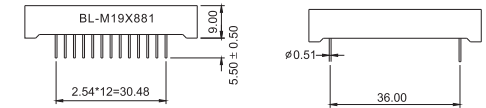
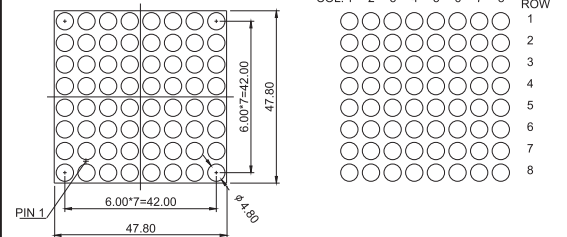
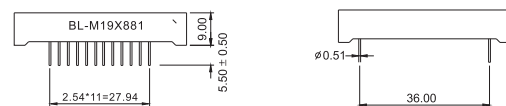
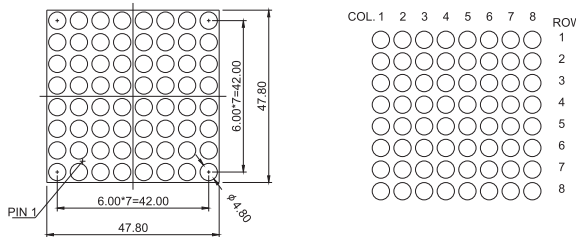
BL-M19D881



BL-M19X881 Series



BL-M19X881 Series

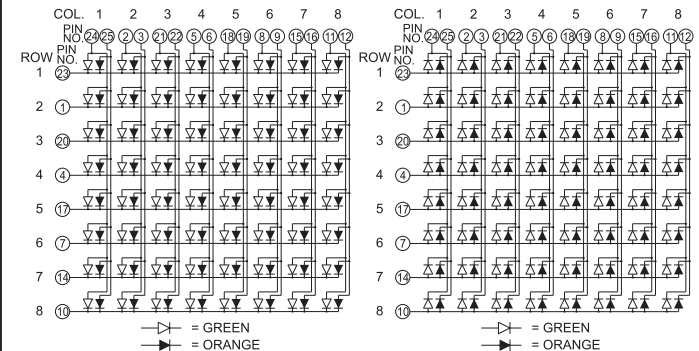
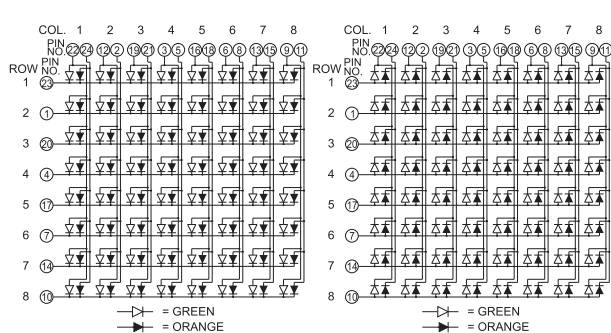


BL-M19C881EG

BL-M19D881EG

BL-M19E881EG

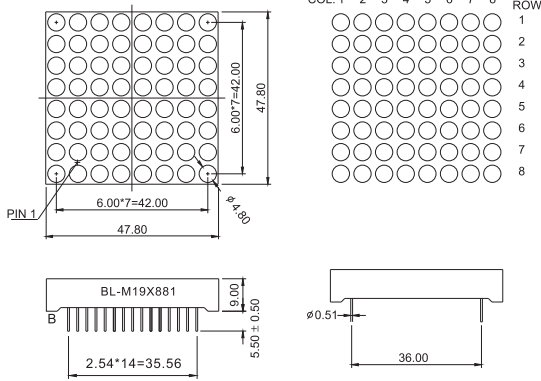
BL-M19F881EG



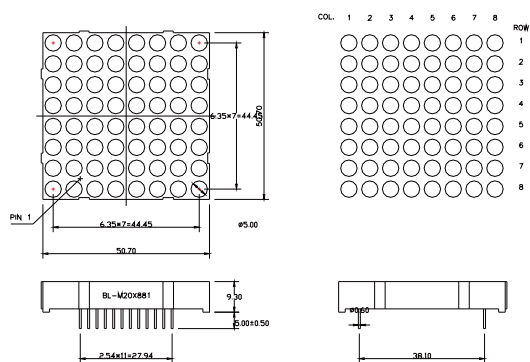
Dot Matrix LED Display

Dimension and Circuit

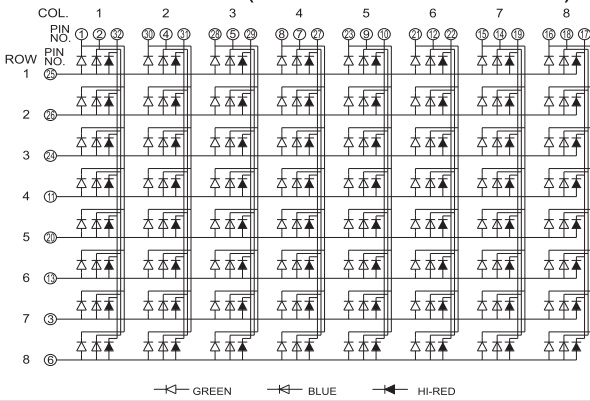
BL-M19X881 Series



BL-M20X881 Series

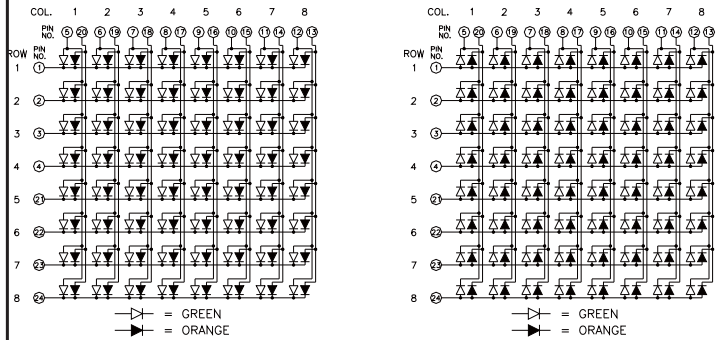


BL-M19B881RGB(BL-M19A881RGB C.C.)

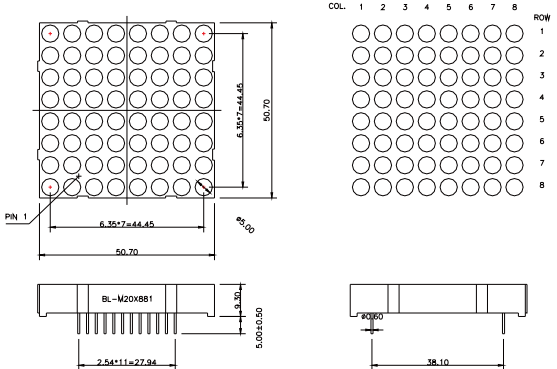


BL-M20A881EG

BL-M20B881EG



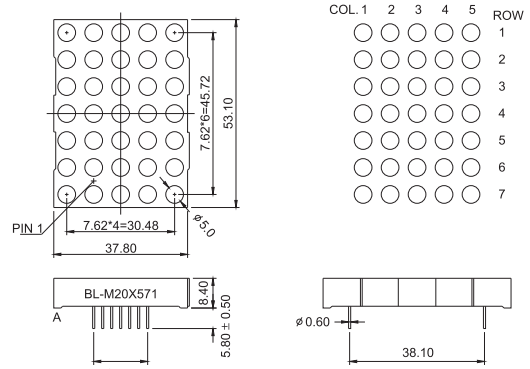
BL-M20X881 Series



BL-M20A881

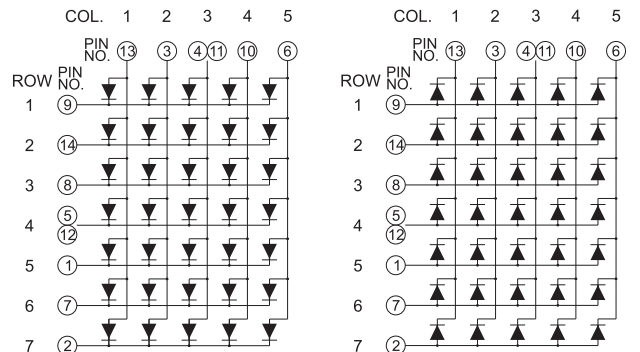
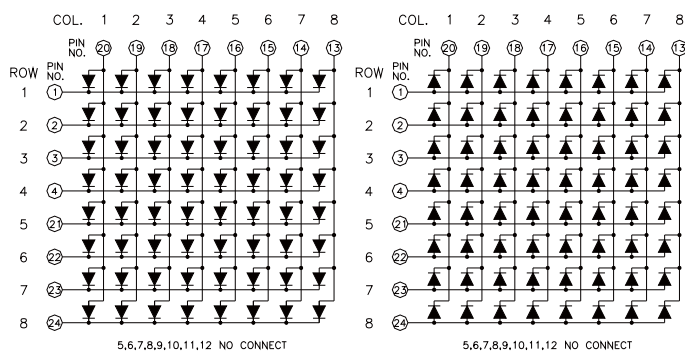
BL-M20B881

BL-M20X571 Series



BL-M20A571

BL-M20B571



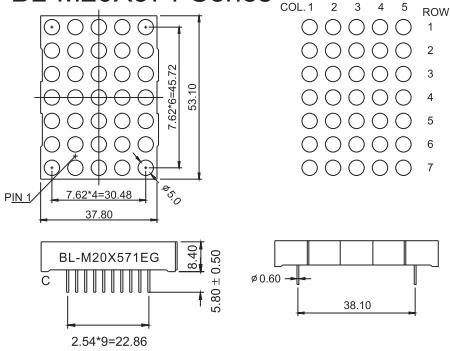
All dimensions are in millimeters (inches)
Tolerance is $\pm 0.25(0.01)$ unless otherwise note

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

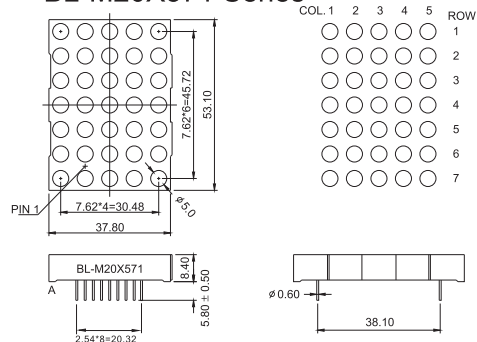
Dot Matrix LED Display

Dimension and Circuit

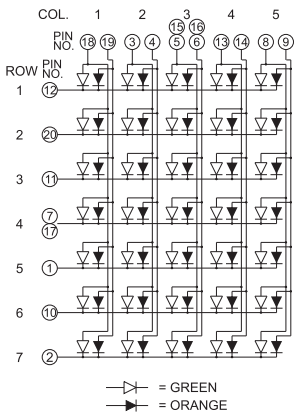
BL-M20X571 Series



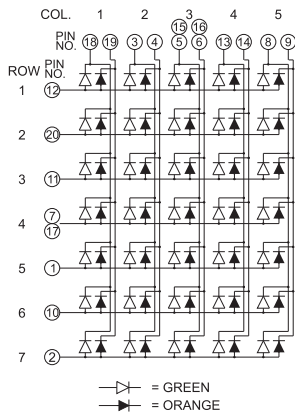
BL-M20X571 Series



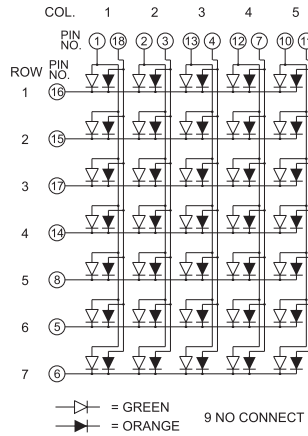
BL-M20A571EG



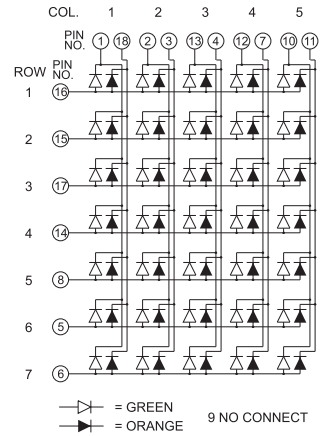
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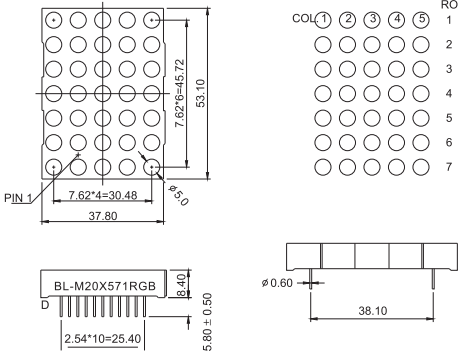
BL-M20C571EG



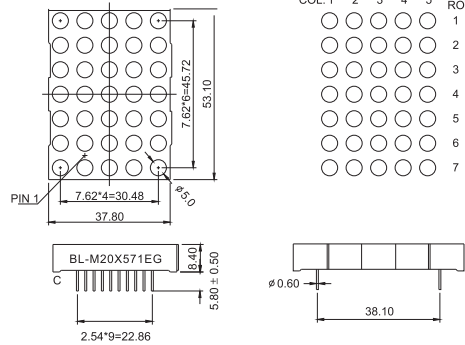
BL-M20D571EG



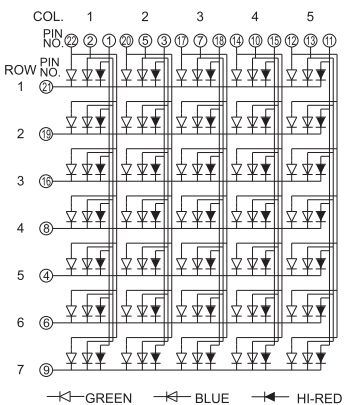
BL-M20X571 Series



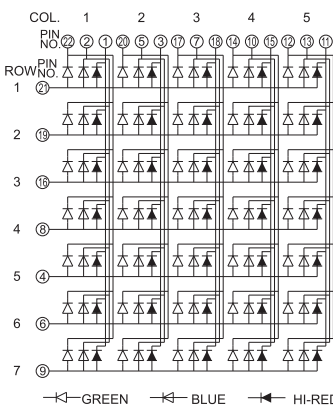
BL-M20X571 Series



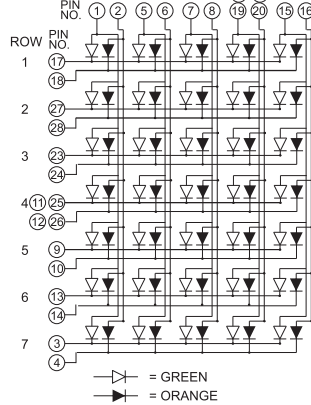
BL-M20A571RGB



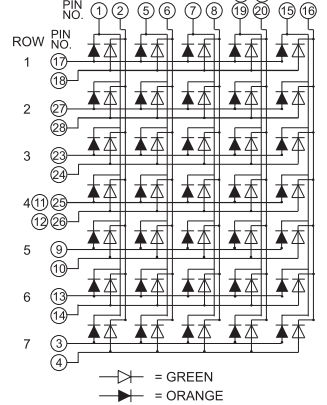
BL-M20B571RGB



BL-M20E571EG



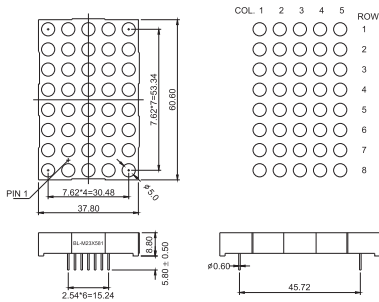
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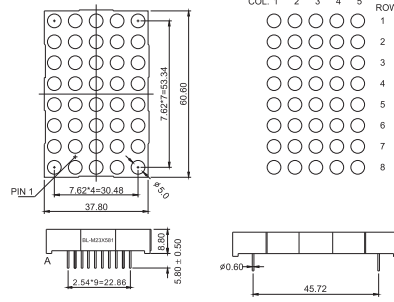
Dot Matrix LED Display

Dimension and Circuit

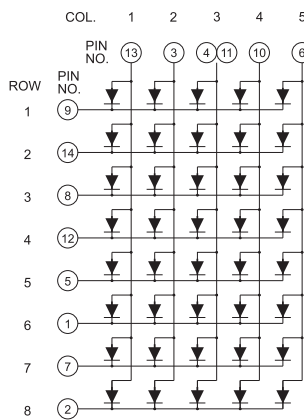
BL-M23X581 Series



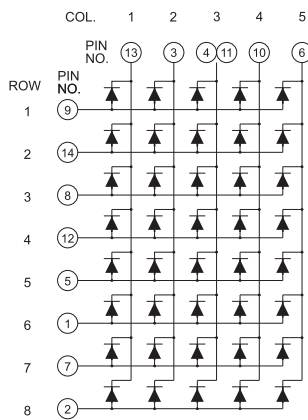
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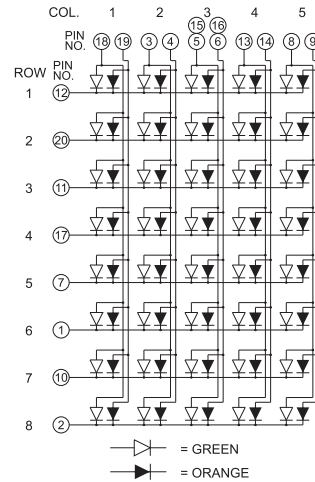
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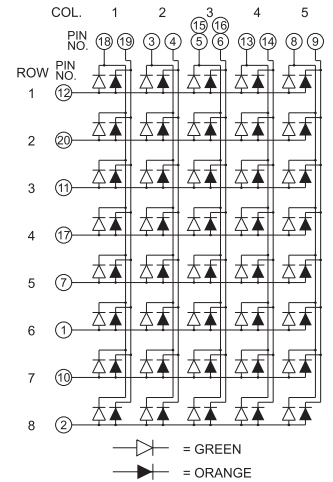
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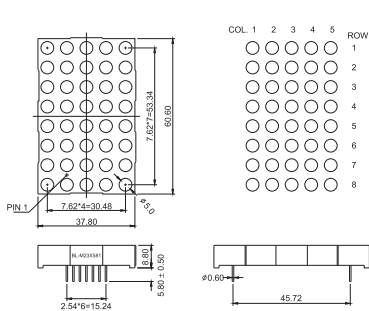
BL-M23A581EG



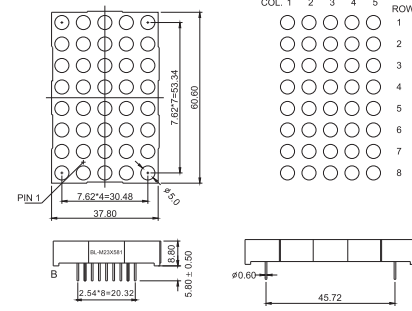
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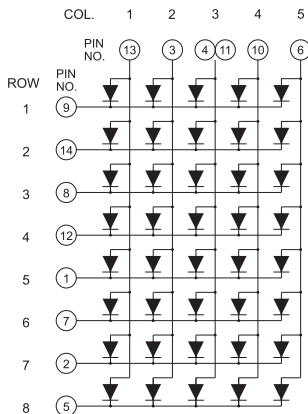
BL-M23X581 Series



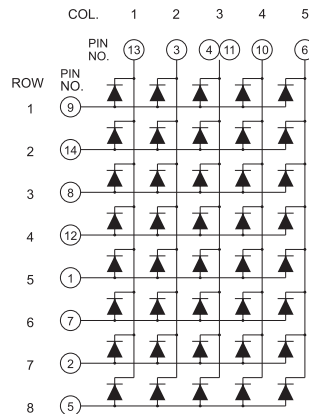
BL-M23X581 Series



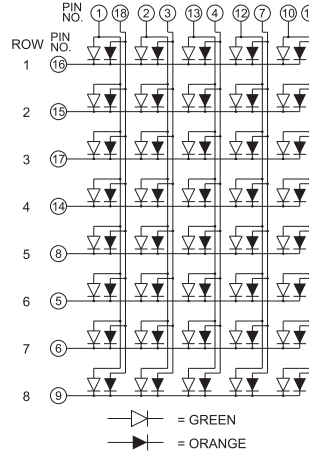
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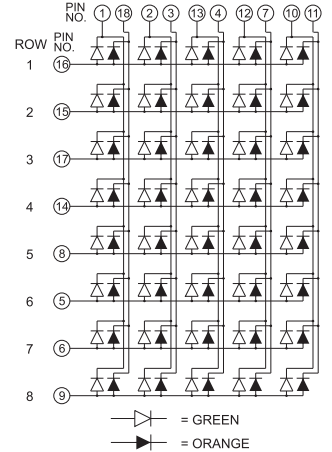
BL-M23D581



BL-M23C581EG



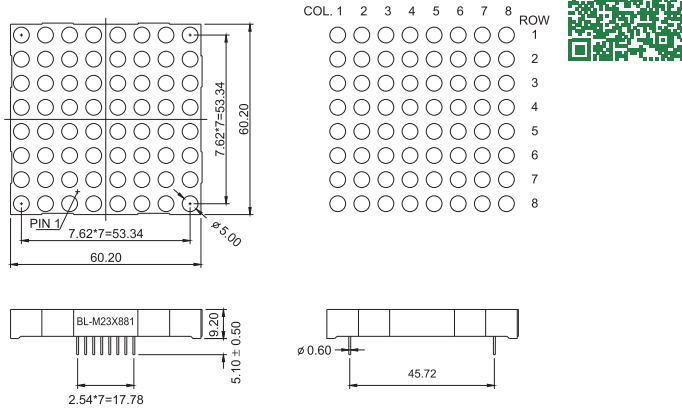
BL-M23D581EG



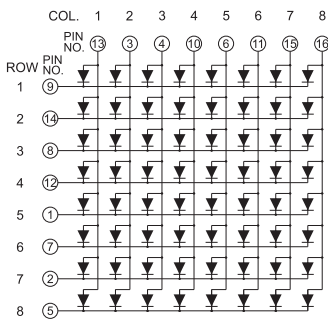
Dot Matrix LED Display

Dimension and Circuit

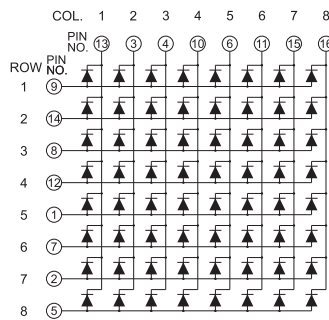
BL-M23X881 Series



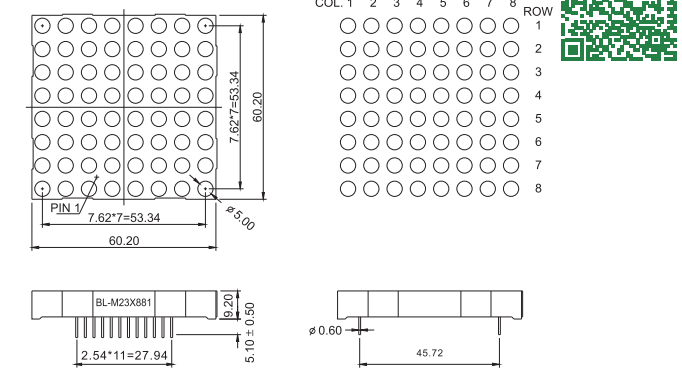
BL-M23A881



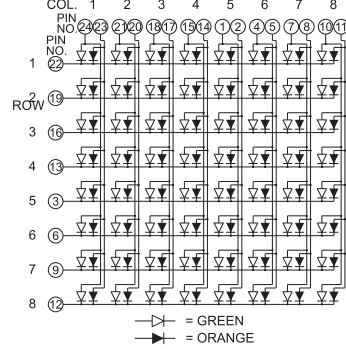
BL-M23B881



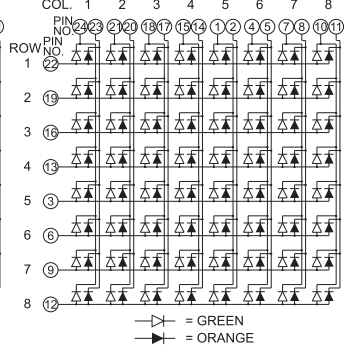
BL-M23X881 Series



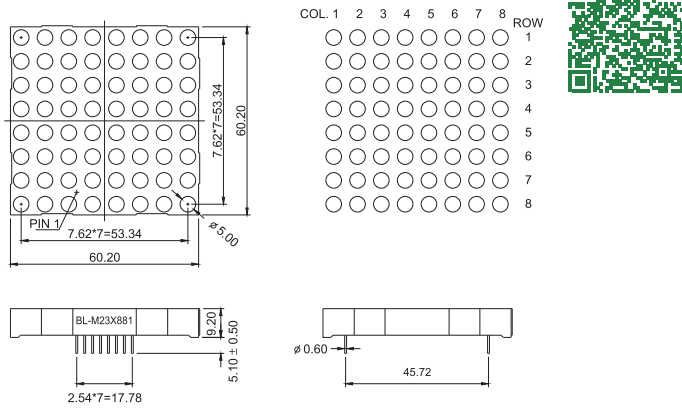
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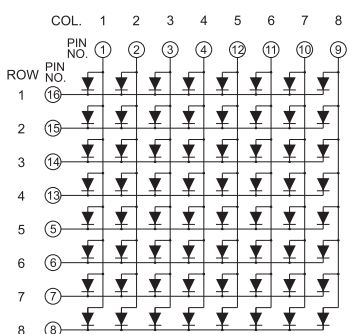
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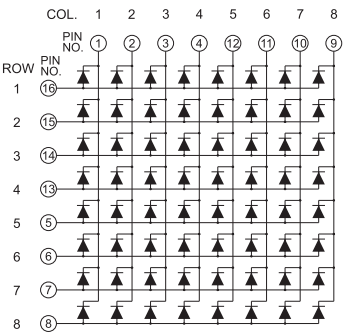
BL-M23X881 Series



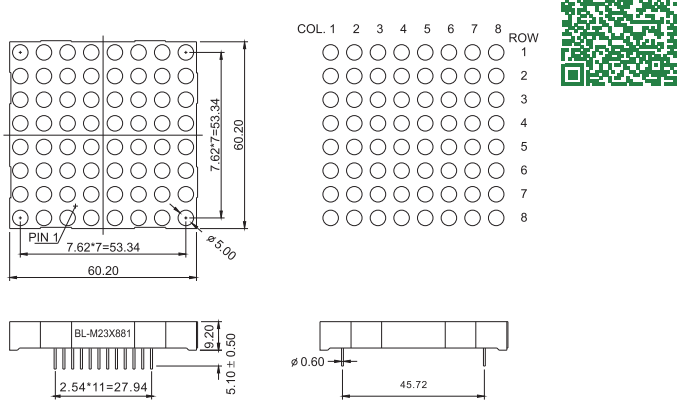
BL-M23C881



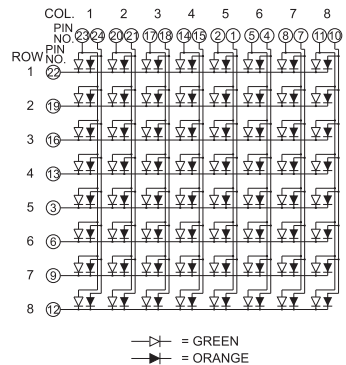
BL-M23D881



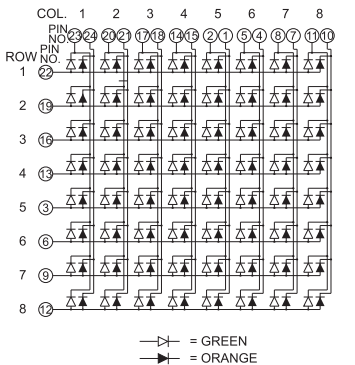
BL-M23X881 Series



BL-M23C881EG



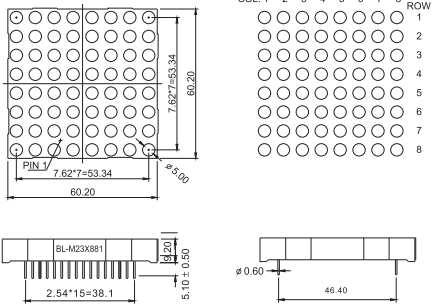
BL-M23D881EG



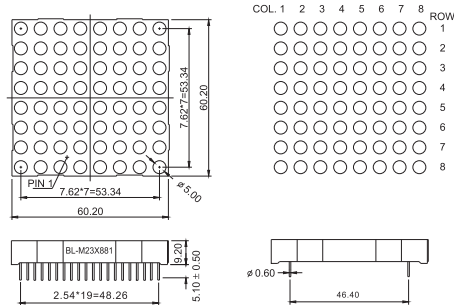
Dot Matrix LED Display

Dimension and Circuit

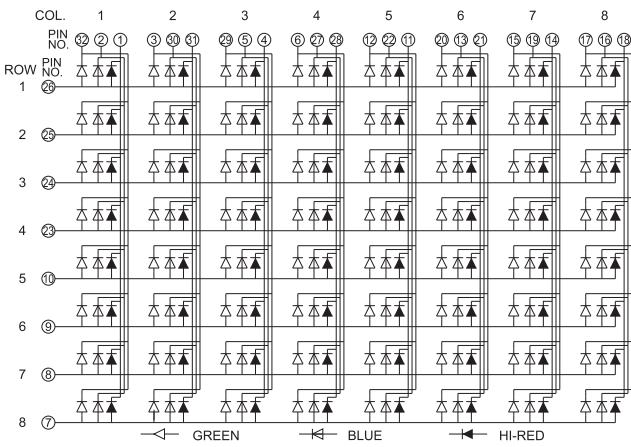
BL-M23X881 Series



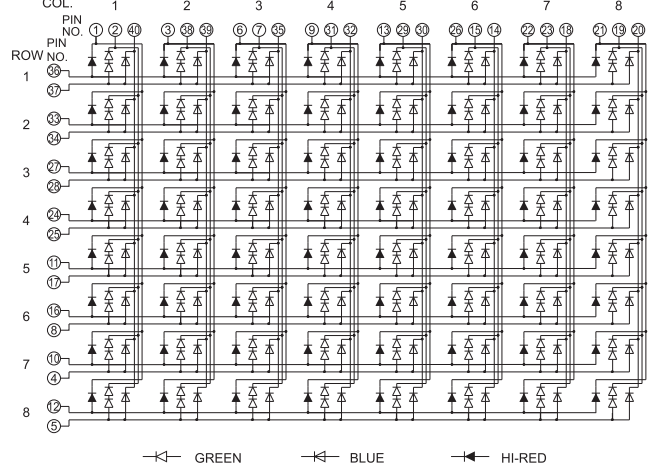
BL-M23X881 Series



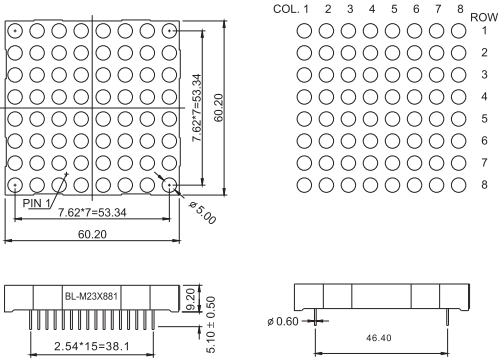
BL-M23B881RGB (BL-M23A881RGB C.C.)



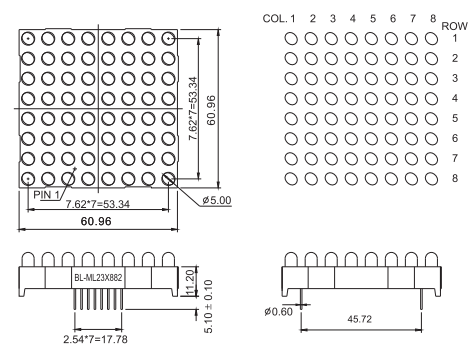
BL-M23F881RGB (BL-M23E881RGB C.C.)



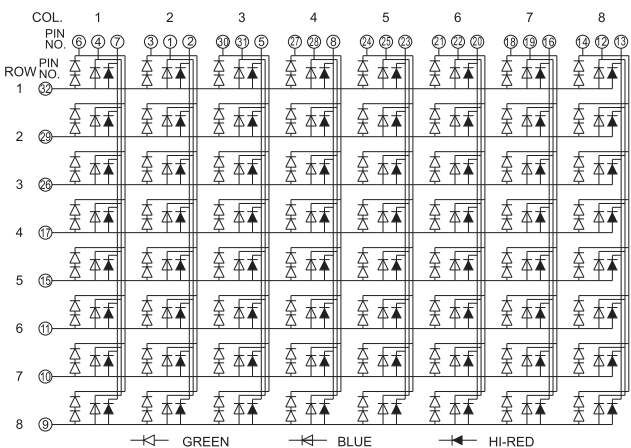
BL-M23X881 Series



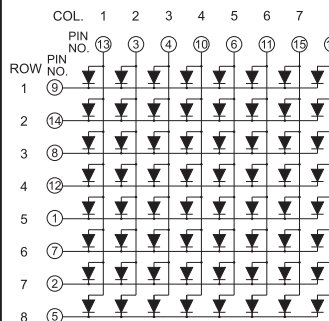
BL-ML23X882



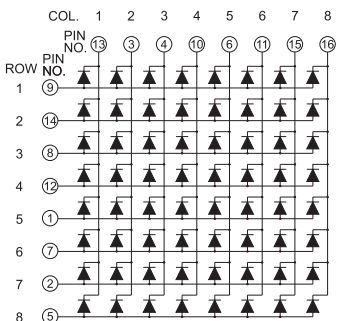
BL-M23D881RGB (BL-M23C881RGB C.C.)



BL-ML23A882



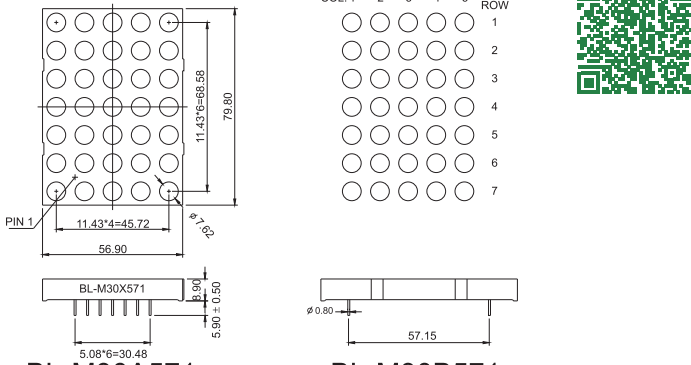
BL-ML23B882



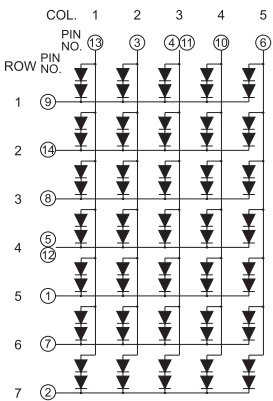
Dot Matrix LED Display

Dimension and Circuit

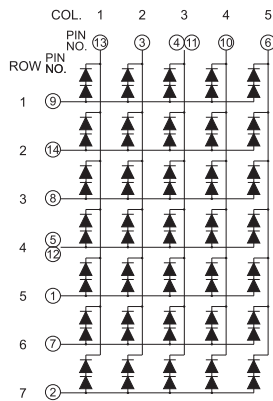
BL-M30X571 Series



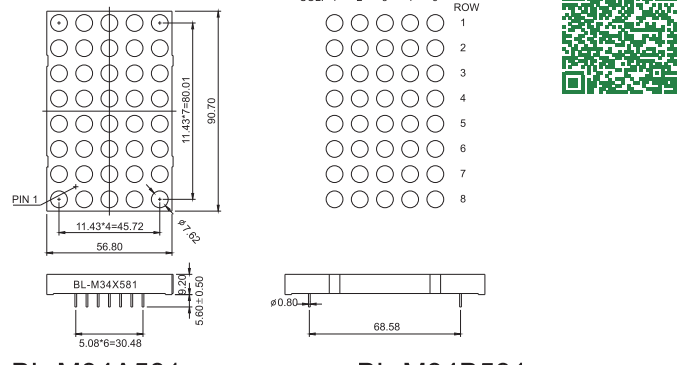
BL-M30A571



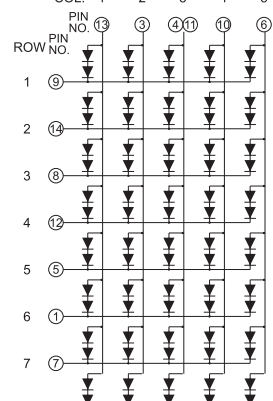
BL-M30B571



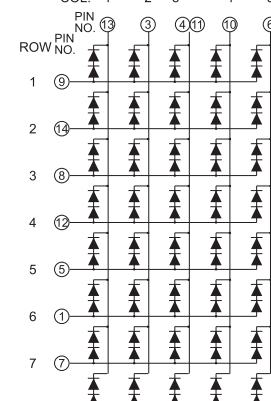
BL-M34X581 Series



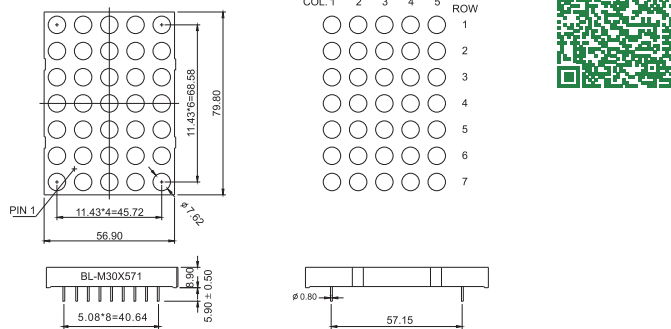
BL-M34A581



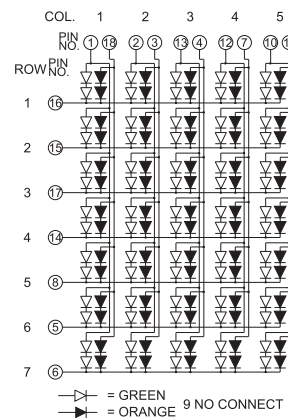
BL-M34B581



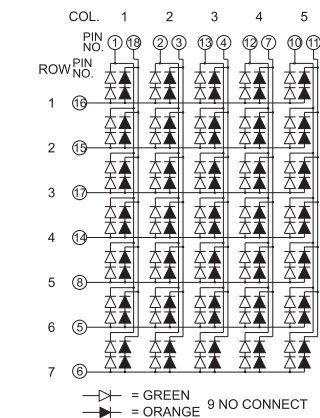
BL-M30X571 Series



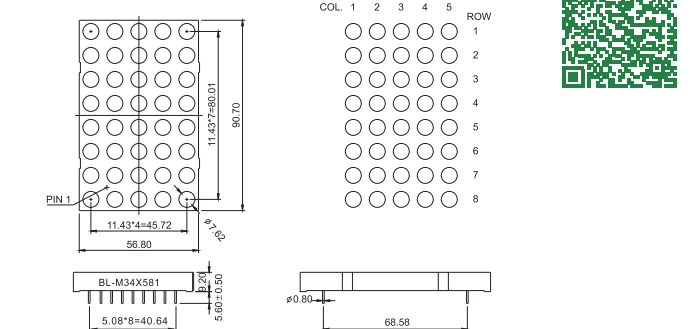
BL-M30A571EG



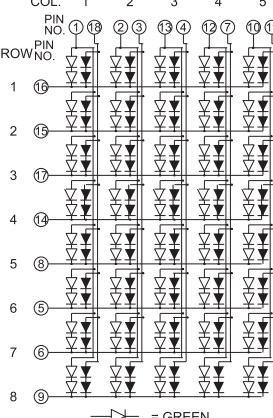
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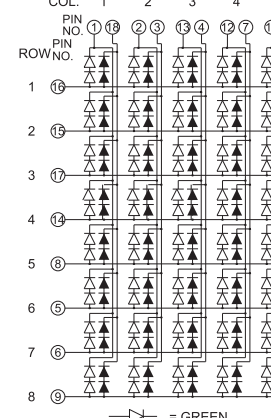
BL-M34X581 Series



BL-M34A581EG



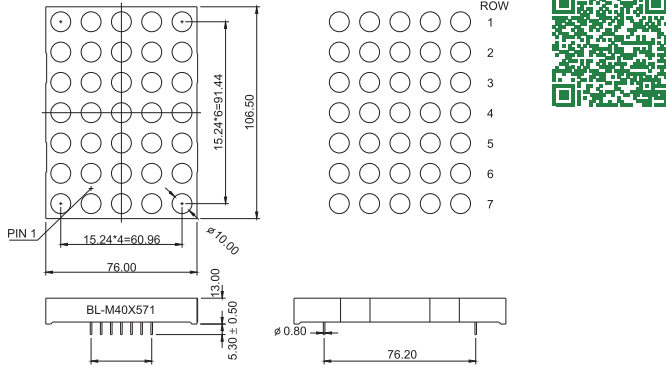
BL-M34B581EG



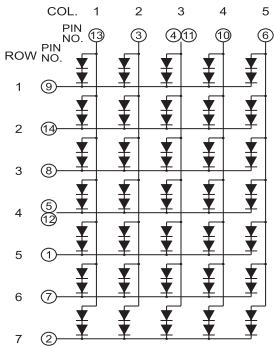
Dot Matrix LED Display

Dimension and Circuit

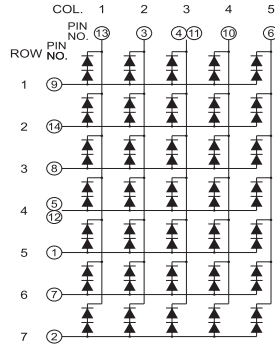
BL-M40X571 Series



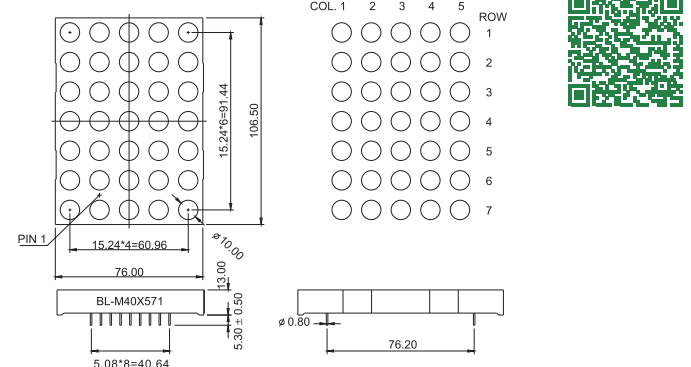
BL-M40A571



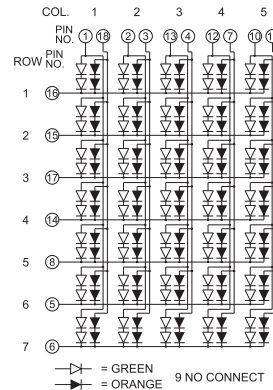
BL-M40B571



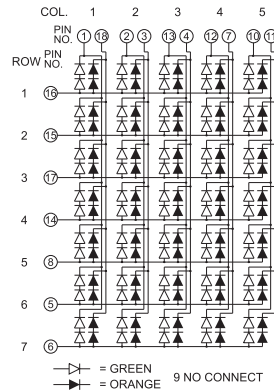
BL-M40X571 Series



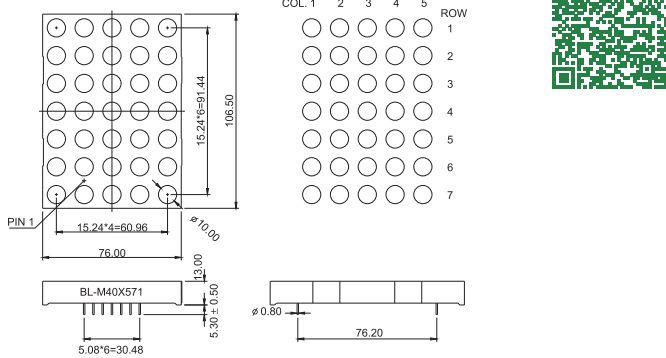
BL-M40A571EG



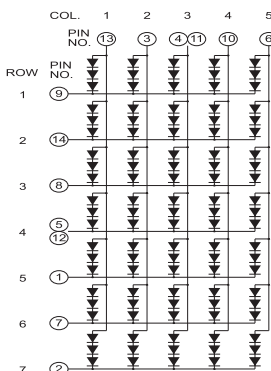
BL-M40B571EG



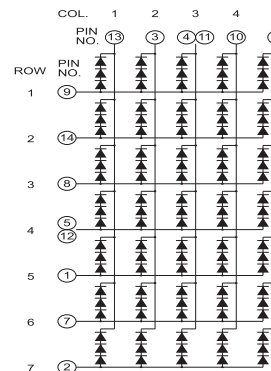
BL-M40X571 Series



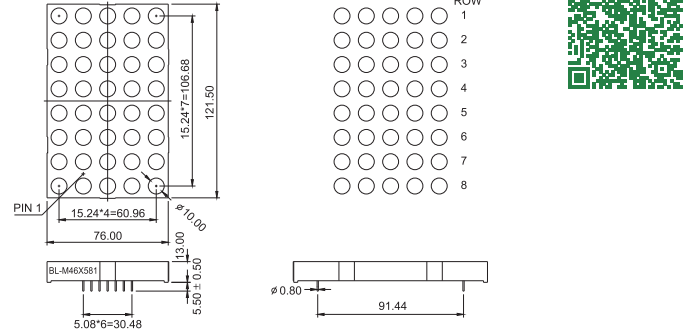
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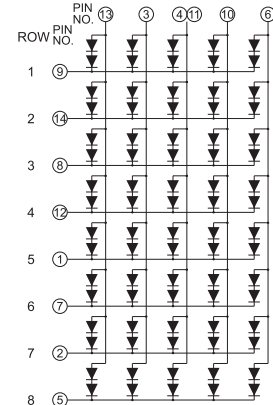
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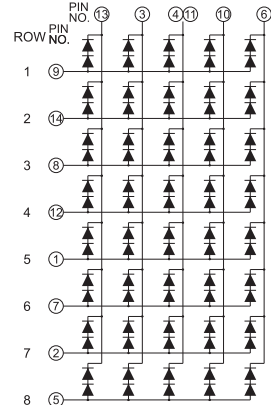
BL-M46X581 Series



BL-M46A581



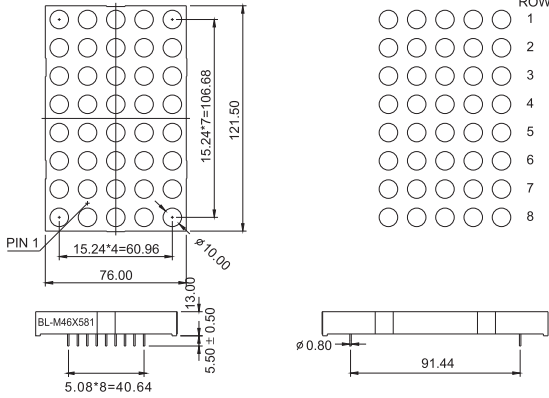
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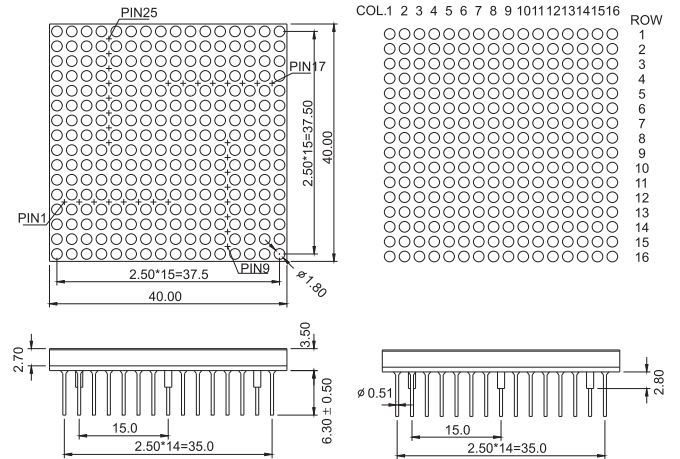
Dot Matrix LED Display

Dimension and Circuit

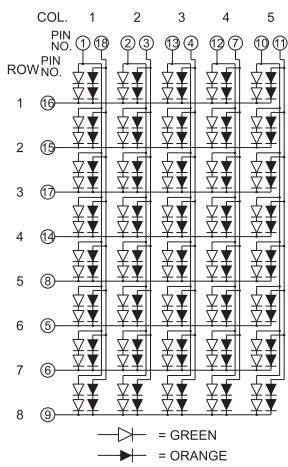
BL-M46X581 Series



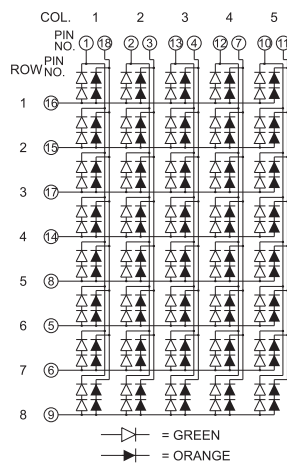
BL-M15XFF1 Series



BL-M46A581EG



BL-M46B581EG



BL-M15BFF1

(BL-M15AFF1 C.C.)

