

1 2 3 4 5 6 7 8

RoHS Compliant

REV MODIFICATION DATE DRAW APPROVE

NOTE:

1.Shielded - 0.20mm THICKNESS BRASS C2680 H.
PLATING NICKEL 20u*Min.

2.Housing- Standard Material Nylon66,Glass Filled
Polyester UL94V-0 Standard Color Black.

3.RJ Terminal- Plastic:Nylon66, UL94V-0,Standard Color Black.
Pin:0.35mm Thickness Phos-Bronze C5210 EH.
Plating:Nickel40u*~60u* for all and Sn 100%
,and Gold Plating.

4.Input Terminal- Nylon66,Glass Filled,UL94V-0,
Standard Color Black.
Pin:0.35mm SUS430.
Plating:Nickel40u*~60u* for all and Sn 100%.

PCB Layout

15,59

8,45

1.27x7=8,89

11,43

13,45

15,6

2,54

2-Ø1,70

2-Ø3,20

Ø0,9

8,89

2,03

3,05

4,57

15,9±0,25

13,5

11,43

15,7±0,25

L-LED

R-LED

21,5±0,38

14,8FRE

13,5±0,25

3,30±0,25

2,03

4,47

10,9

8,89

2,54

3,05

LEFT

RIGHT

9

10

Yellow

11

12

Green

Standard LED	Wavelength	Forward*V(MAX)	TYP
Green	565nm	2.5v	2.2v
Yellow	565nm	2.5v	2.1v

With a forward current of 20mA

QC Inspection Item

DIMENSION IN mm [Inch]

TOLERANCE UNLESS OTHERWISE SPECIFIED

.X± 0.38

.XX± 0.20

XXX± 0.10

APPROVE

WP

2020,04,01

CHECK

Oliver

2020,04,01

DRAW

YJ

2020,04,01

PROJ.

SCALE

1:1

SHEET

X

OF

Y

SIZE

A3

REV

A1

TITLE

RJ45 1X1 TAB-DOWN 10/100

DRAWING NUMBER

461004J4RB1

ELLAX CORPORATION

1 2 3 4 5 6 7 8

A B C D E F

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REV	MODIFICATION	DATE	DRAW	APPROVE

The technical drawing includes two views of the RJ45 connector housing:

- Top View:** Shows the overall footprint with dimensions 18.59mm width and 8.45mm height.
- Side View:** Shows the profile of the housing with dimensions 15.9±0.25mm width, 13.5mm height, and 11.43mm base width.

PCB Layout

The technical drawing includes two views of the RJ45 connector housing:

- Front View:** Shows the profile of the housing with dimensions 21.5±0.38mm total length, 14.8FREmm body length, and 3.30±0.25mm rear flange thickness.
- Side View:** Shows the depth of the housing with dimensions 2.03mm, 4.47mm, 3.05mm, and 2.54mm.

The technical drawing shows the bottom view of the RJ45 connector housing with dimensions 15.9mm width, 2.54mm pitch, and 4.47mm offset.

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The LED symbol pointing left and right with dimensions 9, 10, 11, and 12.

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With a forward current of 20mA

QC Inspection Item	DIMENSION IN mm [Inch]		ELLAX CORPORATION				
	TOLERANCE UNLESS OTHERWISE SPECIFIED		TITLE				
	.X ± 0.38	X.° ± 2.0°	RJ45 1X1 TAB-DOWN 10/100				
	.XX ± 0.20	.X° ± 1.0°	DRAWING NUMBER				
	XXX ± 0.10		461004J4RB1				
APPROVE	CHECK	DRAW	PROJ.	SHEET	X	OF	Y
WP 2020,04,01	Oliver 2020,04,01	YJ 2020,04,01		SCALE	1:1	SIZE	A3
				REV	A1		

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15,9±0,25

R-LED

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14,8FRE

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LEFT

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With a forward current of 20mA

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TOLERANCE UNLESS OTHERWISE SPECIFIED

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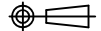
.XX± 0.20 .X°± 1.0°

XXX± 0.10

APPROVE WP 2020,04,01

CHECK Oliver 2020,04,01

DRAW YJ 2020,04,01

PROJ.  SHEET X OF Y

SCALE 1:1 SIZE A3 REV A1

TITLE RJ45 1X1 TAB-DOWN 10/100

DRAWING NUMBER 461004J4RB1

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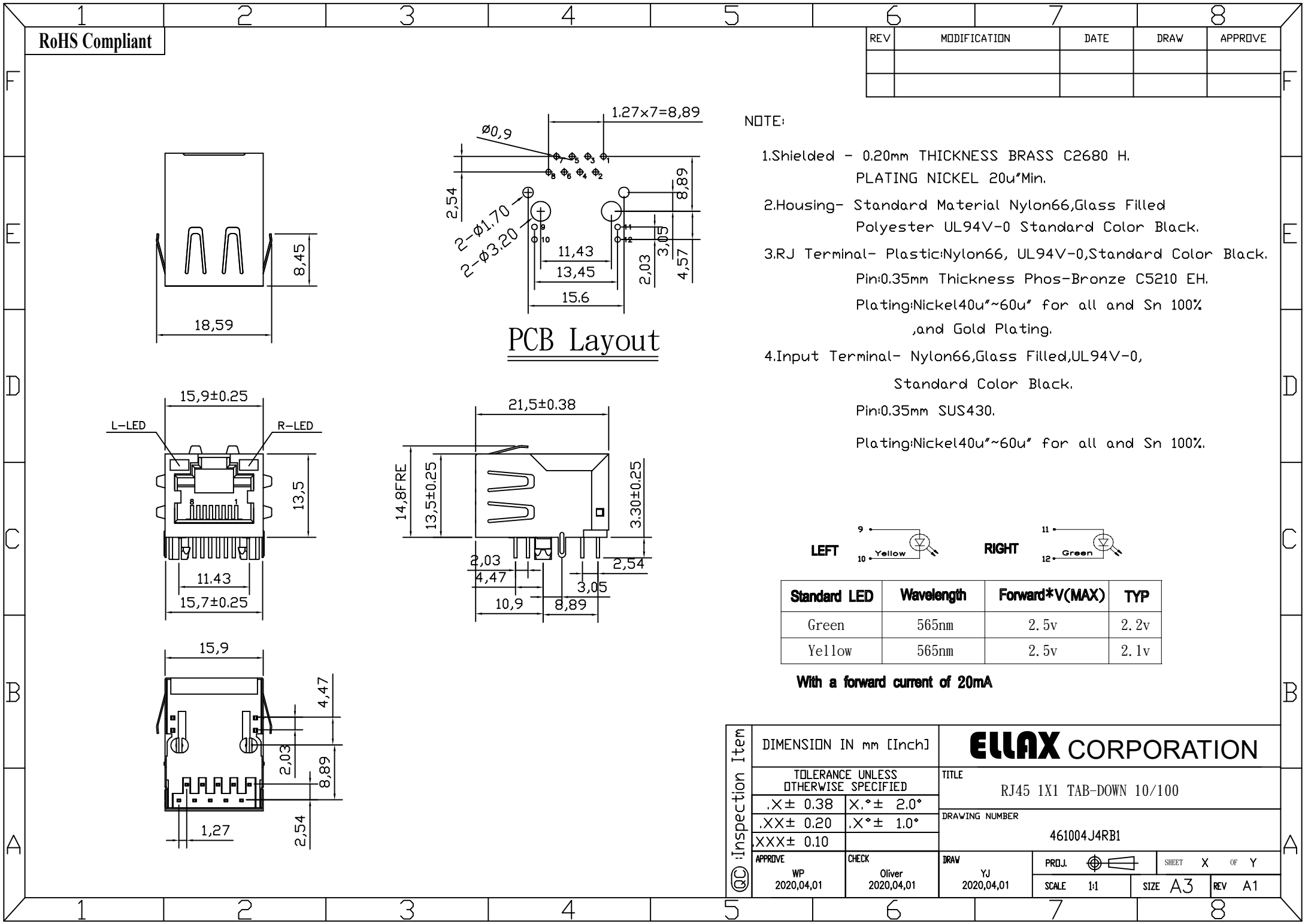
PCB Layout

LEFT RIGHT

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With a forward current of 20mA

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TOLERANCE UNLESS OTHERWISE SPECIFIED		TITLE	
		RJ45 1X1 TAB-DOWN 10/100	
		DRAWING NUMBER	
		461004J4RB1	
APPROVE	CHECK	DRAW	PROJ.
WP	Oliver	YJ	
2020,04,01	2020,04,01	2020,04,01	
SCALE 1:1		SHEET X OF Y	
SIZE A3		REV A1	



RoHS Compliant	

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APPROVE	CHECK	DRAW	PROJ.
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2020,04,01	2020,04,01	2020,04,01	
		SCALE	SHEET X OF Y
		1:1	A3
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L-LED R-LED

21,5±0.38 14,8FRE 13,5±0.25 3,30±0.25

2,03 4,47 10,9 8,89 2,54 3,05

15,9 4,47 2,03 8,89 2,54 1,27

LEFT 9 10 Yellow

RIGHT 11 12 Green

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DRAW YJ 2020,04,01		PROJ. 1:1		SHEET X OF Y	
SCALE 1:1		SIZE A3		REV A1	

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ELLAX CORPORATION

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A B C D E F

