

1

2

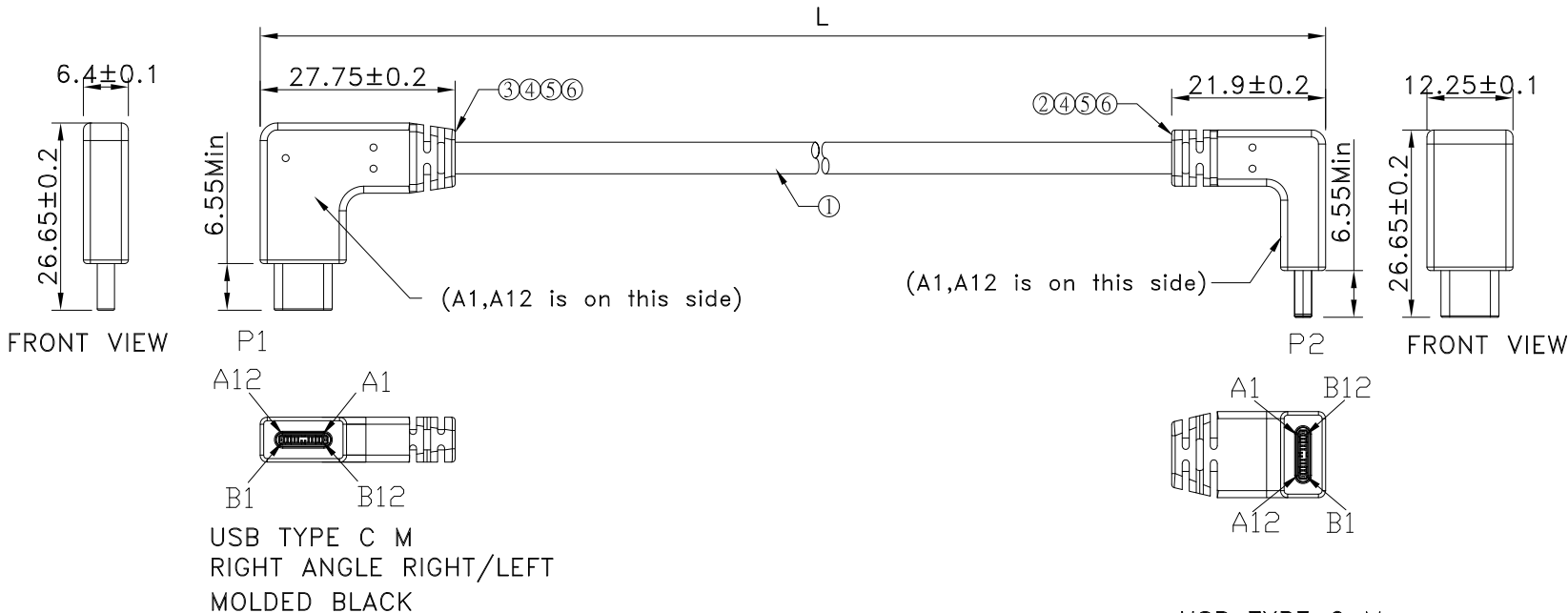
3

4

Note:

1.Type C -Pin out is the same as this drawing.

| REV | ECN#       | DESCRIPTION OF REVISION | DRAW BY<br>DATE   | CHECK BY<br>DATE  | APPROVE BY<br>DATE |
|-----|------------|-------------------------|-------------------|-------------------|--------------------|
| A9  | ECN-220903 | IC Change To VL152C-5A  | Lucas<br>09/05/22 | Lucas<br>09/05/22 | Ray<br>09/05/22    |



| P/N               | LENGTH                           |
|-------------------|----------------------------------|
| RR-CHCV-05GRNTP   | 127 <sup>+20</sup> <sub>0</sub>  |
| RR-CHCV-06GRNTP   | 153 <sup>+20</sup> <sub>0</sub>  |
| RR-CHCV-10GRNTP   | 255 <sup>+20</sup> <sub>0</sub>  |
| RR-CHCV-10.5GRNTP | 267 <sup>+20</sup> <sub>0</sub>  |
| RR-CHCV-12GRNTP   | 305 <sup>+20</sup> <sub>0</sub>  |
| RR-CHCV-13GRNTP   | 330 <sup>+20</sup> <sub>0</sub>  |
| RR-CHCV-15GRNTP   | 381 <sup>+30</sup> <sub>0</sub>  |
| RR-CHCV-25GRNTP   | 635 <sup>+30</sup> <sub>0</sub>  |
| RR-CHCV-40GRNTP   | 1016 <sup>+40</sup> <sub>0</sub> |



| TITLE                                                                         |      |       |             |              |                | DRAWING NUMBER  |      |       | REV. |
|-------------------------------------------------------------------------------|------|-------|-------------|--------------|----------------|-----------------|------|-------|------|
| USB TYPE C MALE RIGHT ANGLE RIGHT/LEFT TO USB TYPE C MALE RIGHT ANGLE UP/DOWN |      |       |             |              |                | RR-CHCV-XXGRNTP |      |       | A9   |
| THIRD ANGLE PROJECTION                                                        | SIZE | SCALE | DRAW / DATE | CHECK / DATE | APPROVE / DATE | TOLERANCES      | UNIT | SHEET |      |

  
**USB FIREWIRE.com**

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1

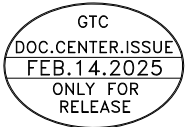
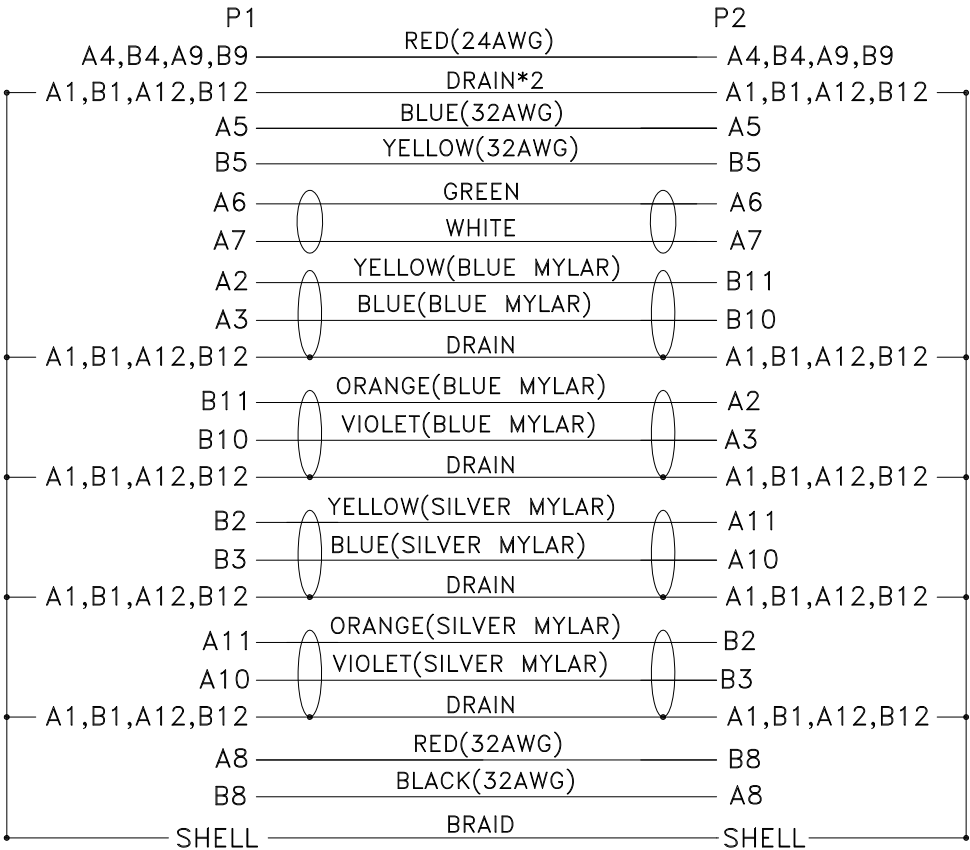
2

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4

| REV | ECN#       | DESCRIPTION OF REVISION | DRAW BY<br>DATE   | CHECK BY<br>DATE  | APPROVE BY<br>DATE |
|-----|------------|-------------------------|-------------------|-------------------|--------------------|
| A9  | ECN-220903 | IC Change To VL152C-5A  | Lucas<br>09/05/22 | Lucas<br>09/05/22 | Ray<br>09/05/22    |

PIN OUT



| TITLE                                                                         |      |       |                |              |                | DRAWING NUMBER  |                |                 |                | REV.      |
|-------------------------------------------------------------------------------|------|-------|----------------|--------------|----------------|-----------------|----------------|-----------------|----------------|-----------|
| USB TYPE C MALE RIGHT ANGLE RIGHT/LEFT TO USB TYPE C MALE RIGHT ANGLE UP/DOWN |      |       |                |              |                | RR-CHCV-XXGRNTP |                |                 |                | A9        |
|                                                                               | B    | 1:1   | Lucas 12/28/15 | Ray 12/28/15 | Ray 12/28/15   | X.X<br>X.XX     | ± 0.5<br>± 0.2 | X.XXX<br>ANGLES | ± 0.05<br>± 1° | mm<br>2/4 |
| THIRD ANGLE PROJECTION                                                        | SIZE | SCALE | DRAW / DATE    | CHECK / DATE | APPROVE / DATE | TOLERANCES      |                |                 | UNIT           | SHEET     |



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| REV | ECN#       | DESCRIPTION OF REVISION | DRAW BY<br>DATE   | CHECK BY<br>DATE  | APPROVE BY<br>DATE |
|-----|------------|-------------------------|-------------------|-------------------|--------------------|
| A9  | ECN-220903 | IC Change To VL152C-5A  | Lucas<br>09/05/22 | Lucas<br>09/05/22 | Ray<br>09/05/22    |

| ITEM | Part name   | MATERIAL/FINISH                                                                        | Q.ty |
|------|-------------|----------------------------------------------------------------------------------------|------|
| 1    | Cable       | UL21572(1P/32#+EAM)*4+(1P/32#+A)+(4C/32#)+(1C/24#)+2EAB 85% OD=4.8mm BLACK TPE JACKET. | 1    |
| 2    | USB Type CM | USB TYPE C MALE SOLDER TYPE,PCB WITHOUT IC AND CAPACITOR                               | 1    |
|      |             | PINS: 30u GOLD PLATED OVER NICKEL                                                      |      |
|      |             | INSULATOR: BLACK COLOR P.B.T UL 94V-0 RATED                                            |      |
|      |             | SHELL: STEEL WITH GOLD FLASH                                                           |      |
| 3    | USB Type CM | USB TYPE C MALE SOLDER TYPE, E-MARK(VL152C-5A) AND CAPACITOR                           | 1    |
|      |             | PINS: 30u GOLD PLATED OVER NICKEL                                                      |      |
|      |             | INSULATOR: BLACK COLOR P.B.T UL 94V-0 RATED                                            |      |
|      |             | SHELL: STEEL WITH GOLD FLASH                                                           |      |
| 4    | inner Mold  | HENKEL: A2035 94A                                                                      |      |
| 5    | Over Mold   | BLACK PVC 45P                                                                          |      |
| 6    | Copper foil | Copper foil                                                                            |      |

|                                                                                                           |      |       |                |              |                                   |                         |                             |            |
|-----------------------------------------------------------------------------------------------------------|------|-------|----------------|--------------|-----------------------------------|-------------------------|-----------------------------|------------|
| TITLE<br>USB TYPE C MALE RIGHT ANGLE RIGHT/LEFT TO USB TYPE C MALE RIGHT ANGLE UP/DOWN                    |      |       |                |              | DRAWING NUMBER<br>RR-CHCV-XXGRNTP |                         |                             | REV.<br>A9 |
|  DO NOT SCALE DRAWINGS | B    | 1:1   | Lucas 12/28/15 | Ray 12/28/15 | Ray 12/28/15                      | X.X ± 0.5<br>X.XX ± 0.2 | X.XXX ± 0.05<br>ANGLES ± 1° | mm 3/4     |
| THIRD ANGLE PROJECTION                                                                                    | SIZE | SCALE | DRAW / DATE    | CHECK / DATE | APPROVE / DATE                    | TOLERANCES              |                             | SHEET      |



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1

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3

4

REV

ECN#

DESCRIPTION OF REVISION

DRAW BY  
DATECHECK BY  
DATEAPPROVE BY  
DATE

A9

ECN-220903

IC Change To VL152C-5A

Lucas  
09/05/22Lucas  
09/05/22Ray  
09/05/22

| P/N               | LENGTH(mm)                        | PE BAG(Inch) | PACKAGE |
|-------------------|-----------------------------------|--------------|---------|
| RR-CHCV-05GRNTP   | 127 <sup>+20</sup> <sub>-0</sub>  | 5.5"*10      | (1)     |
| RR-CHCV-06GRNTP   | 153 <sup>+20</sup> <sub>-0</sub>  | 5.5"*10      | (2)     |
| RR-CHCV-10GRNTP   | 255 <sup>+20</sup> <sub>-0</sub>  | 5.5"*10      | (2)     |
| RR-CHCV-10.5GRNTP | 267 <sup>+20</sup> <sub>-0</sub>  | 5.5"*10      | (2)     |
| RR-CHCV-12GRNTP   | 305 <sup>+20</sup> <sub>-0</sub>  | 5.5"*10      | (2)     |
| RR-CHCV-13GRNTP   | 330 <sup>+20</sup> <sub>-0</sub>  | 5.5"*10      | (2)     |
| RR-CHCV-15GRNTP   | 381 <sup>+30</sup> <sub>-0</sub>  | 5.5"*10      | (2)     |
| RR-CHCV-25GRNTP   | 635 <sup>+30</sup> <sub>-0</sub>  | 5.5"*10      | (2)     |
| RR-CHCV-40GRNTP   | 1016 <sup>+40</sup> <sub>-0</sub> | 5.5"*10      | (2)     |

## PE BAG LABEL

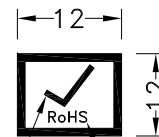
RR-CHCV-XXGRNTP REV:XX  
LOT: XXXX  
Made in China

25

75mm

RR-CHCV-XXGRNTP REV:XX QTY:25PCS  
LOT: XXXX  
Made in China

## RoHS LABEL

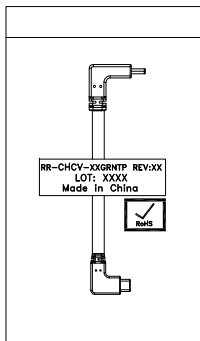


Green

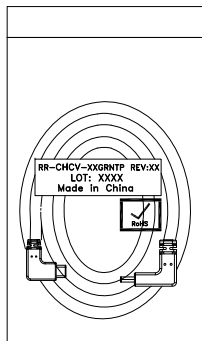
Black

NOTES:PACK EACH CABLE IN A POLY BAG  
AND 25PCS IN A POLY BAG.

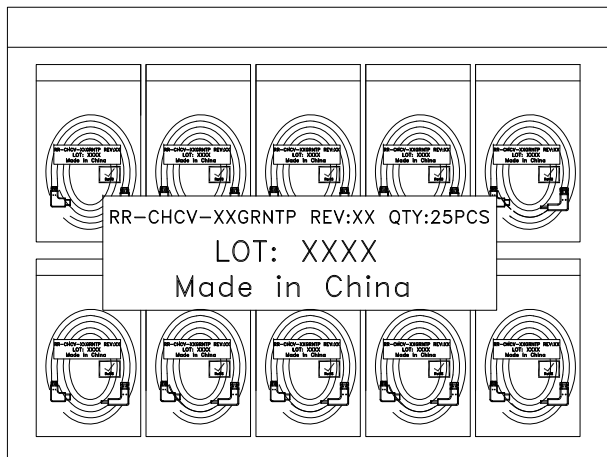
PACK(1)



PACK(2)



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TITLE  
USB TYPE C MALE RIGHT ANGLE RIGHT/LEFT TO USB TYPE C MALE RIGHT ANGLE UP/DOWN

DRAWING NUMBER

RR-CHCV-XXGRNTP

REV.

A9

DO NOT SCALE DRAWINGS  
THIRD ANGLE PROJECTION

B

1:1

Lucas 12/28/15

Ray 12/28/15

Ray 12/28/15

X.X  
X.XX± 0.5  
± 0.2X.XXX  
ANGLES± 0.05  
± 1°

mm

4/4

THIRD ANGLE PROJECTION

SIZE

SCALE

DRAW / DATE

CHECK / DATE

APPROVE / DATE

TOLERANCES

UNIT

SHEET



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