

1

2

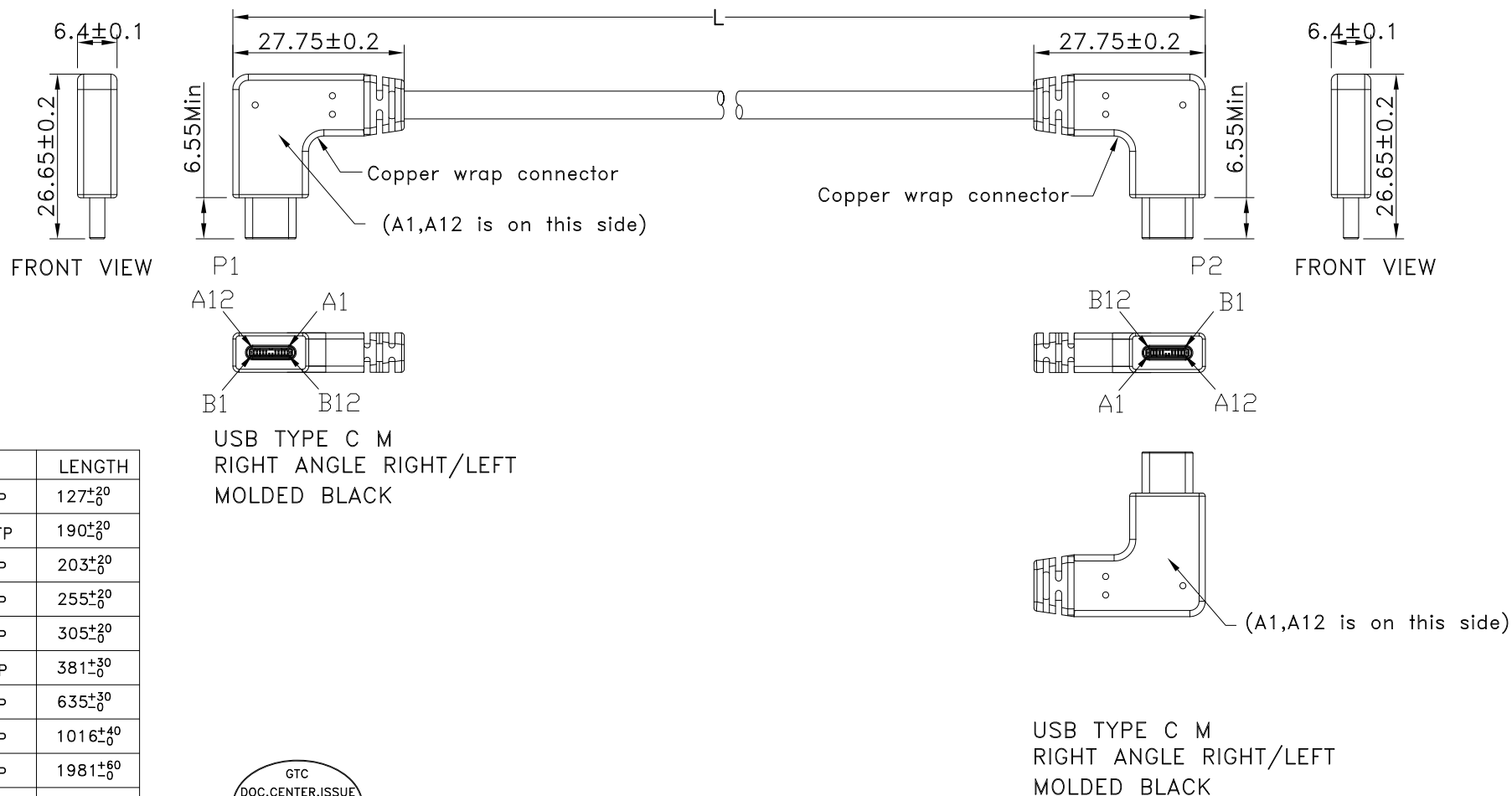
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Note:

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

REV	ECN#	DESCRIPTION OF REVISION	DRAW BY DATE	CHECK BY DATE	APPROVE BY DATE
A9	ECN-220903	E-MARK Change To VL152C-5A	Lucas 09/02/22	Lucas 09/02/22	Ray 09/02/22



USB TYPE C M
RIGHT ANGLE RIGHT/LEFT
MOLDED BLACK

USB TYPE C M
RIGHT ANGLE RIGHT/LEFT
MOLDED BLACK



P/N	LENGTH
RR-CHX2-05GRNTP	127 ⁺²⁰ ₋₀
RR-CHX2-7.5GRNTP	190 ⁺²⁰ ₋₀
RR-CHX2-08GRNTP	203 ⁺²⁰ ₋₀
RR-CHX2-10GRNTP	255 ⁺²⁰ ₋₀
RR-CHX2-12GRNTP	305 ⁺²⁰ ₋₀
RR-CHX2-15GRNTP	381 ⁺³⁰ ₋₀
RR-CHX2-25GRNTP	635 ⁺³⁰ ₋₀
RR-CHX2-40GRNTP	1016 ⁺⁴⁰ ₋₀
RR-CHX2-78GRNTP	1981 ⁺⁶⁰ ₋₀
RR-CHX2-98GRNTP	2489±50
RR-CHX2-118GRNTP	2997±50
RR-CHX2-138GRNTP	3505±50
RR-CHX2-158GRNTP	4013±50

TITLE						DRAWING NUMBER				REV.
USB TYPE C MALE RIGHT ANGLE RIGHT/LEFT TO USB TYPE C MALE RIGHT ANGLE RIGHT/LEFT						RR-CHX2-XXGRNTP				A9
THIRD ANGLE PROJECTION	SIZE	SCALE	DRAW / DATE	CHECK / DATE	APPROVE / DATE	TOLERANCES				SHEET
DO NOT SCALE DRAWINGS	B	1:1	Lucas 12/28/15	Ray 12/28/15	Ray 12/28/15	X.X X.XX	± 0.5 ± 0.2	X.XXX ANGLES	± 0.05 ± 1°	mm 1/4



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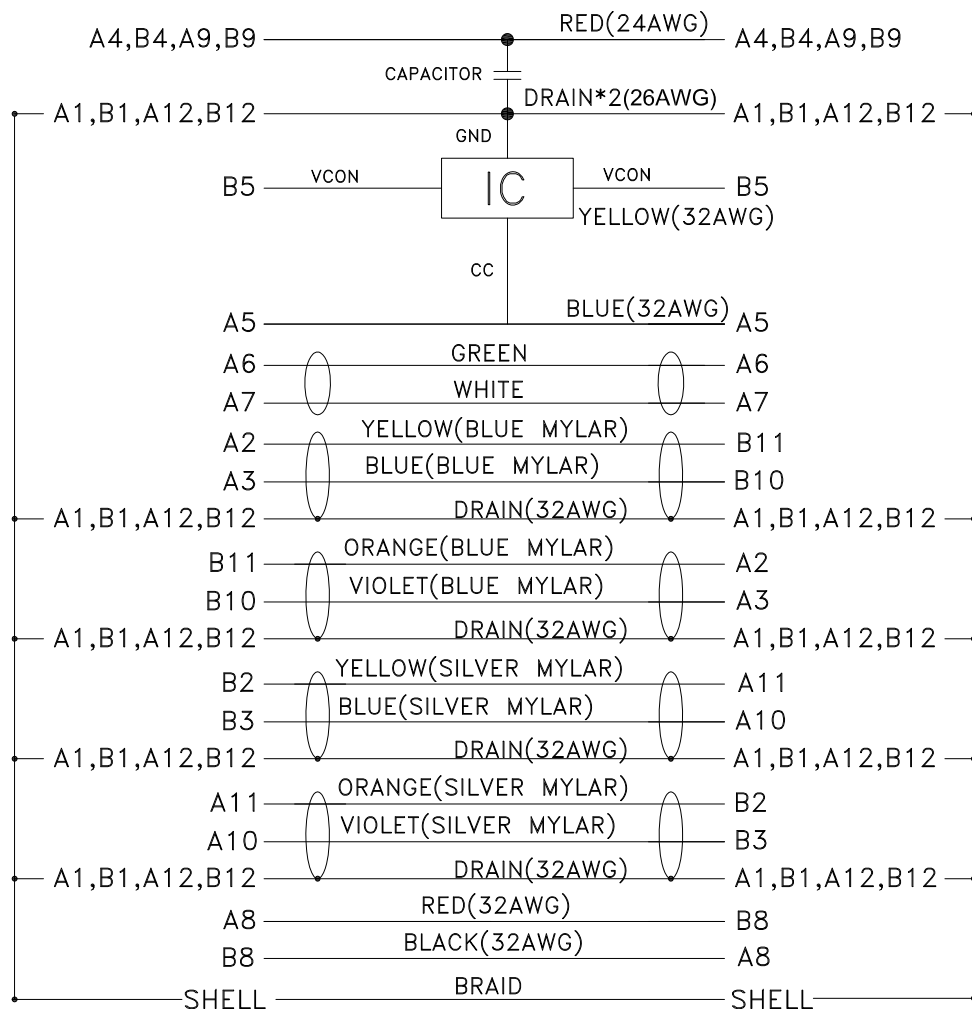


Figure 4-43 Electronically Marked Cable with VCONN connected through the cable

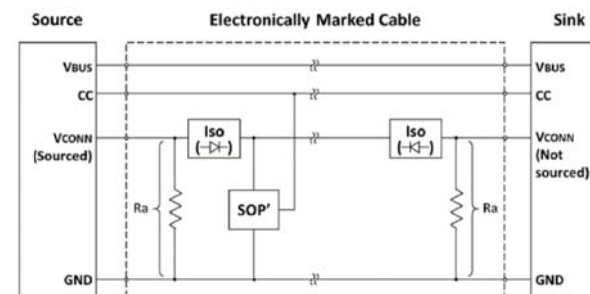


Figure 4-44 illustrates an electronically marked cable where the VCONN wire does not extend through the cable, therefore an SOP' (eMarker) element is required at each end of the cable. In this case, no isolation elements are needed.

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

DRAWING NUMBER
RR-CHX2-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
± 0.2

X.XXX
ANGLES

± 0.05
± 1°

mm

2/4

THIRD ANGLE PROJECTION

SIZE

SCALE

DRAW / DATE

CHECK / DATE

APPROVE / DATE

TOLERANCES

UNIT

SHEET

USB FIREWIRE.com

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REV	ECN#	DESCRIPTION OF REVISION	DRAW BY DATE	CHECK BY DATE	APPROVE BY DATE
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***CONSTRUCTION:

1.CABLE: * UL21572(1P/32#+EAM)*4+(1P/32#+A)+(4C/32#)+(1C/24#)+2EAB 85%
OD:4.8mm BLACK TPE JACKET.

***CONNECTOR:

2.USB C/M: * USB TYPE C MALE SOLDER TYPE,PCB WITHOUT IC,
* PINS: 30u GOLD PLATED OVER NICKEL.
* INSULATOR: BLACK THERMOPLASTIC UL 94V-0.
* CAPACITOR.
* SHELL: STEEL WITH GOLD FLASH.
* MOLDED: BLACK PVC 45P & 30P.

3.USB C/M: * USB TYPE C MALE SOLDER TYPE,PCB WITH IC,
* PINS: 30u GOLD PLATED OVER NICKEL.
* INSULATOR: BLACK THERMOPLASTIC UL 94V-0.
* CAPACITOR.
* E-MARK(VL152C-5A).
* SHELL: STEEL WITH GOLD FLASH.
* MOLDED: BLACK PVC 45P & 30P.

4.TEST: * CT: 2 ohm IS: 5M ohm DC50V 0.1S.
5.PACKING: * PACK EACH CABLE IN A POLY BAG AND 25PCS IN A POLY BAG.
6.MATERIAL: * MATERIAL WITH RoHS GRADE.



TITLE						DRAWING NUMBER				REV.	
USB TYPE C MALE RIGHT ANGLE RIGHT/LEFT TO USB TYPE C MALE RIGHT ANGLE RIGHT/LEFT						RR-CHX2-XXGRNTP				A9	
 DO NOT SCALE DRAWINGS	B	1:1	Lucas 12/28/15	Ray 12/28/15	Ray 12/28/15	X.X X.XX	± 0.5 ± 0.2	X.XXX ANGLES ± 1°	± 0.05 ± 1°	mm	3/4
THIRD ANGLE PROJECTION	SIZE	SCALE	DRAW / DATE	CHECK / DATE	APPROVE / DATE	TOLERANCES				UNIT	SHEET



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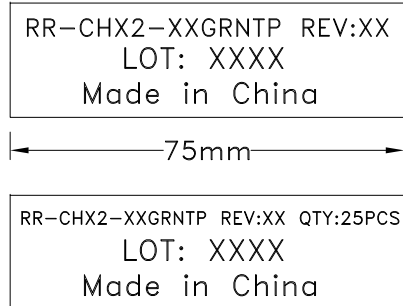
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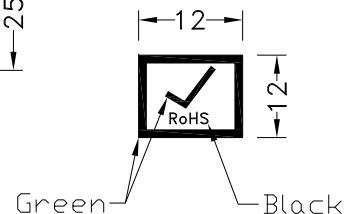
REV	ECN#	DESCRIPTION OF REVISION	DRAW BY DATE	CHECK BY DATE	APPROVE BY DATE
A9	ECN-220903	E-MARK Change To VL152C-5A	Lucas 09/02/22	Lucas 09/02/22	Ray 09/02/22

P/N	LENGTH(mm)	PE BAG(Inch)	PACKAGE
RR-CHX2-05GRNTP	127 ⁺²⁰ ₋₀	5.5"*10"	(1)
RR-CHX2-7.5GRNTP	190 ⁺²⁰ ₋₀	5.5"*10"	(1)
RR-CHX2-08GRNTP	203 ⁺²⁰ ₋₀	5.5"*10"	(1)
RR-CHX2-10GRNTP	255 ⁺²⁰ ₋₀	5.5"*10"	(2)
RR-CHX2-12GRNTP	305 ⁺²⁰ ₋₀	5.5"*10"	(2)
RR-CHX2-15GRNTP	381 ⁺³⁰ ₋₀	5.5"*10"	(2)
RR-CHX2-25GRNTP	635 ⁺³⁰ ₋₀	5.5"*10"	(2)
RR-CHX2-40GRNTP	1016 ⁺⁴⁰ ₋₀	5.5"*10"	(2)
RR-CHX2-78GRNTP	1981 ⁺⁶⁰ ₋₀	5.5"*10"	(3)
RR-CHX2-98GRNTP	2489±50	5.5"*10"	(3)
RR-CHX2-118GRNTP	2997±50	7"*10"	(3)
RR-CHX2-138GRNTP	3505±50	7"*10"	(3)
RR-CHX2-158GRNTP	4013±50	7"*10"	(3)

PE BAG LABEL

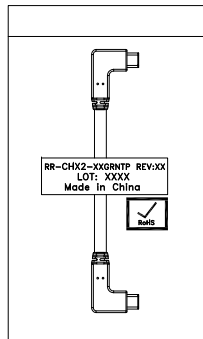


RoHS LABEL

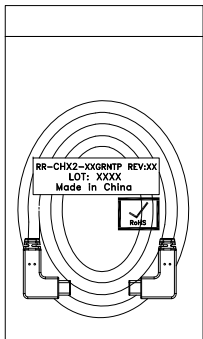


NOTES:PACK EACH CABLE IN A POLY BAG
AND 25PCS IN A POLY BAG.

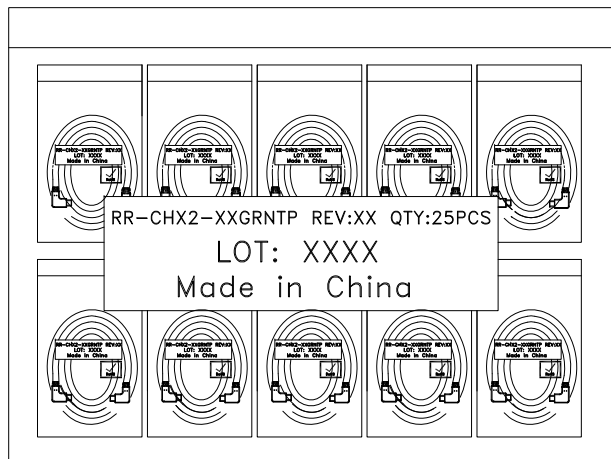
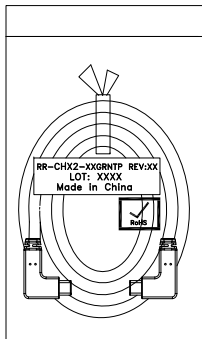
PACK(1)



PACK(2)



PACK(3)



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

DRAWING NUMBER
RR-CHX2-XXGRNTP

REV.
A9

THIRD ANGLE PROJECTION	SIZE	SCALE	DRAW / DATE	CHECK / DATE	APPROVE / DATE	TOLERANCES	UNIT	SHEET
DO NOT SCALE DRAWINGS	B	1:1	Lucas 12/28/15	Ray 12/28/15	Ray 12/28/15	X.X ± 0.5 X.XX ± 0.2	X.XXX ± 0.05 ANGLES ± 1°	4/4



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