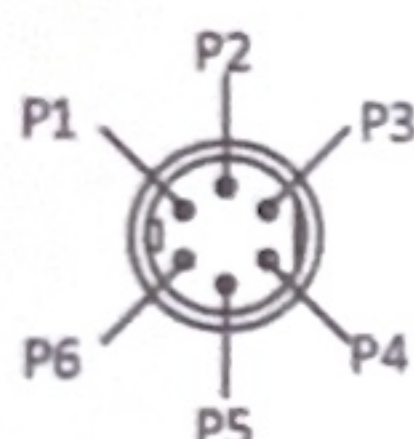
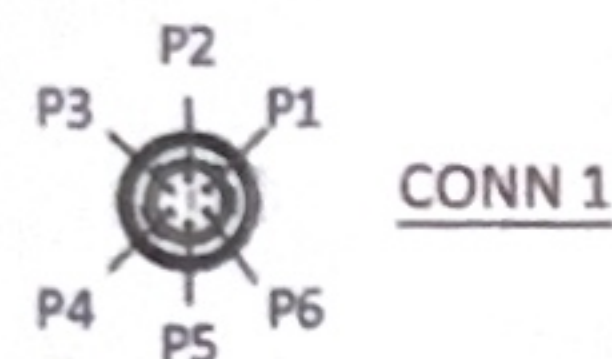
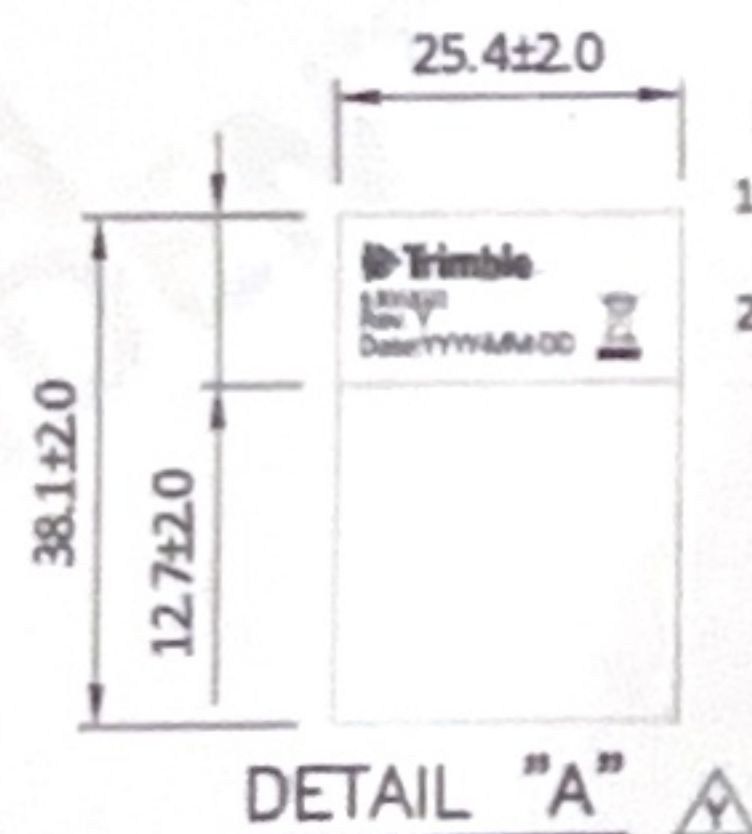


1	2	3	4	5	6	7
MOLD TYPE	MOLD NO.	ITEM				
PCBA OVERMOLD	CUOM00062	6				
PCBA PREMOLD	CUIM00063	5				

REV	ECN NO.	DATE	BY	DESCRIPTION
U	N403132	Mar/09/2015	Ada Shi	ADD LABEL
V	N405192	May/18/2015	Ada Shi	CHANGE CUSTOMER REV. & ADD CURRENT TEST
W	N509575	Oct/04/2016	Erin Ho	MODIFY MARK, MOLD NO., LABEL, CUSTOMER REV.
X	NXXXXXX	Jan/17/2017	Erin Ho	CHANGE CUSTOMER REV.
Y	NXXXXXX	Jan/20/2017	Erin Ho	



SOLDERING SIDE



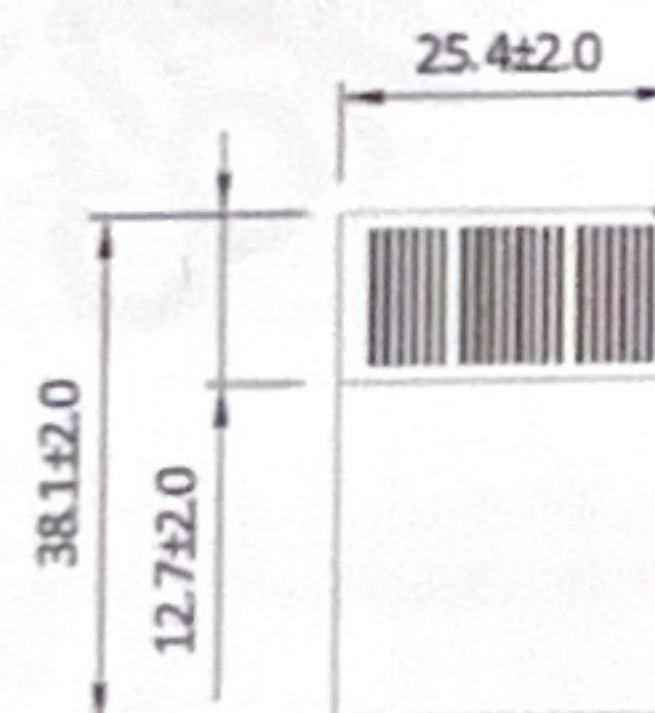
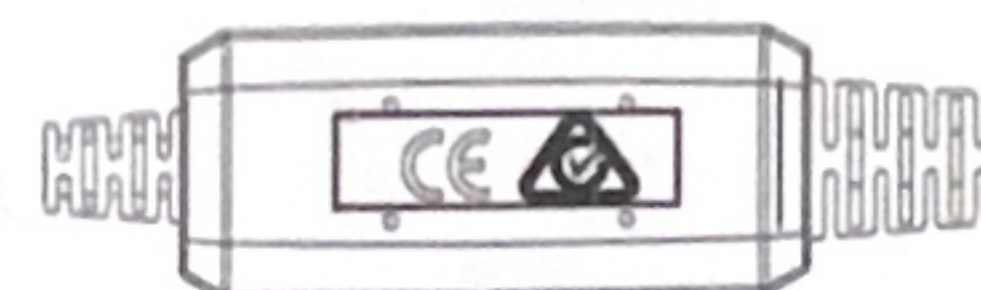
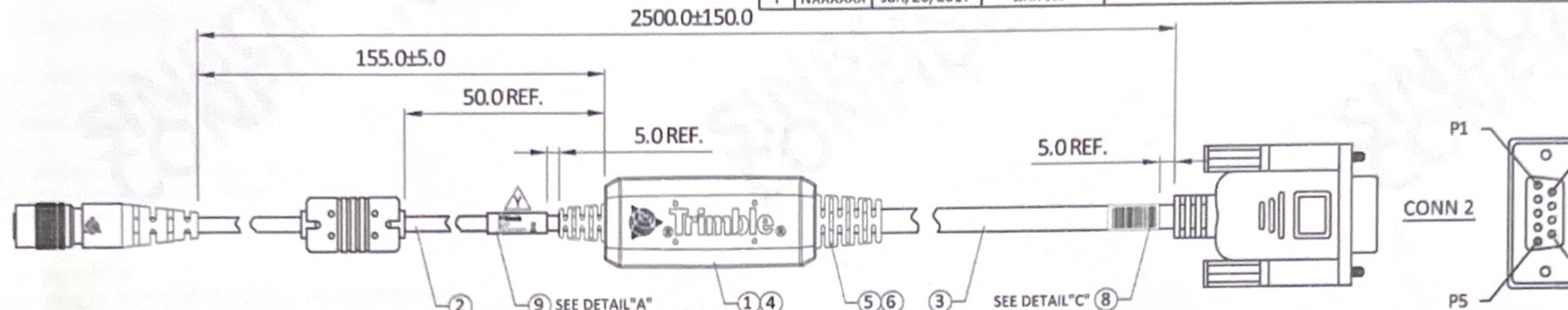
DETAIL "A"

- LABEL NOTE:
1. BLACK TEXT ON THE WHITE LABEL.
 2. DATE: YYYY-MM-DD (EX: 2016-01-30)



- LABEL NOTE:
1. BLACK TEXT ON THE WHITE LABEL
 2. COUNTRY OF ORIGIN: XX XXXXXX (EX: TW TAIWAN OR CN CHINA)
 3. DATE: YYYY-MM-DD (EX: 2016-01-30)
 4. BARCODE: CODE 128 TYPE A

DETAIL "B"



SCANNING CONTENT: EX.15110001

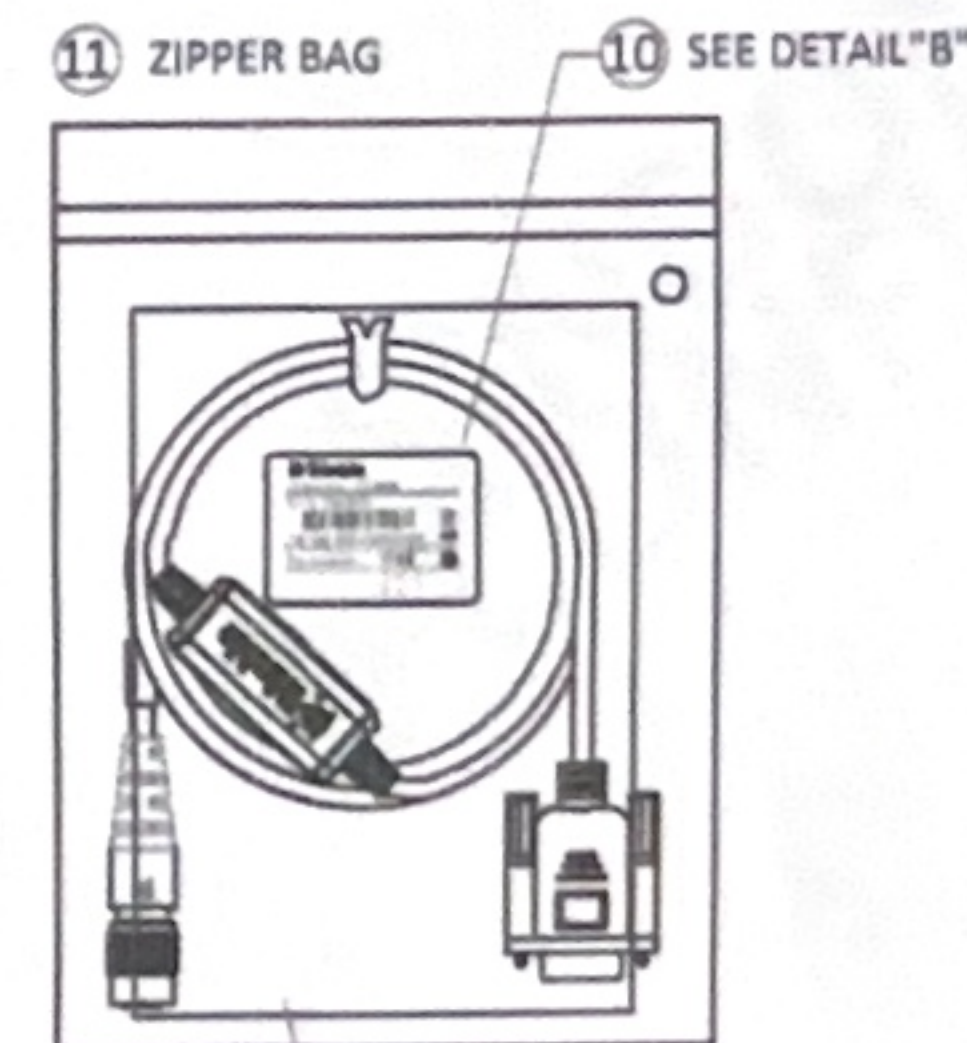
- LABEL NOTE:
1. MATERIAL: ART PAPER+TRANSPARENT POLYESTER
 2. COLOR: CHARACTER: BLACK BACKGROUND: WHITE+TRANSPARENT
 3. SIZE: 25.4X38.1mm, TOLERANCE: +/-1mm
 4. SERIAL NUMBER COMPOSITION: "YY": MANUFACTURING YEAR (THE LAST TWO DIGITS OF YEAR). "WW": MANUFACTURING WEEK(01~52) "XXXX": START FROM 0001
 5. BARCODE CONTENT: CODE 128, HEIGHT=7mm EX.15110001

DETAIL "C"

WIRE RUN LIST				
AWG	CONN 1	FUNCTION	COLOR	PCBA
28	1	USB D+	GREEN	P2
	2	USB D-	WHITE	P1
26	3	USB VBUS	YELLOW	P3
26	5	USB OTG ID(GND)	PINK	P6
20	6	GND	BLACK	P5
SHELL	SHELL	SHIELD	SHIELD	P7

WIRE RUN LIST				
AWG	CONN 2	COLOR	FUNCTION	PCBA
20	1	BLACK	DTR	1
26	2	BROWN	TXD	2
20	3	RED	RXD	3
	4	ORANGE	DSR	4*
	5	YELLOW	GND	5
	6	GREEN	DTR	6
	7	BLUE	CTS	7
20	8	GRAY	RTS	8
26	9	WHITE	RI	9
SHELL	SHELL	BRAID	SHIELD	10

5.5-
5.5+
7.37 mV
26.7 mV
Gnd
✓ 5.5-
✓ 5.5+
✓ 26.7 mV



AND PUT IT INTO THE BAG FOLD THE INSTRUCTION

PACKING

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TRIMBLE P/N: **53002021** REV. **Y**

STIG P/N: **K123553002**

UNLESS OTHERWISE SPECIFIED TOLERANCE:

1 ~ 10	±1
11 ~ 30	±2
31 ~ 50	±3
51 ~ 200	±5
201 ~ 400	±7
> 401	±10
ANGLES	±1°

DRA. **Erin Ho** Jan/17/2017
CHK. **Liky Hsu** Jan/17/2017
APR. **Tony Tang** Jan/17/2017

SINBON
SINBON Electronics Co

DESCRIPTION: **CABLE 2.5M HIROSE 6 TO DB9 RS232**

PART NUMBER: **A9300209**

SIZE	UNIT	SCA
A3	mm	NO

GDP

370 31386



NOTES:

1. UL20279 80°C 30V CABLE CONSTRUCTION

(1) CONDUCTOR:

20AWG(105/0.08)x2C, TINNED COPPER WIRE.

28AWG(19/0.08)x1P, TINNED COPPER WIRE.

26AWG(65/0.05)x2C, TINNED COPPER WIRE.

(2) INSULATION: PP.

20AWGx2C: $\phi 1.3 \pm 0.05$ mm. COLOR: RED, BLACK.

28AWGx1P: $\phi 0.84 \pm 0.03$ mm. COLOR: WHITE & GREEN.

26AWGx2C: $\phi 0.8 \pm 0.05$ mm. COLOR: YELLOW, PINK.

(3) FILLER: COTTON YARN.

(4) ASSEMBLY: COTTON PAPER.

(5) SHIELD: BRAID (16/8/0.1) TINNED COPPER WIRE+COTTON PAPER.

(6) JACKET: PU(BFG58202), GRAY MATTE SURFACE, GB COLOR: 863(RAL7000), OD: $\phi 5.0 \pm 0.15$ mm.

WITH MARKING: AWM E156437 STYLE 20279 VW-1 80°C 30V CSA LL69620 AWM I/II A/B 80°C 30V FT1

(7) IMPEDANCE: WHITE & GREEN, 90+/-15% ohm, PITCH: 60~80MM.

2. CABLE CONSTRUCTION

(1) CONDUCTOR: 20AWG(105/0.08)x3C, TINNED COPPER WIRE.

26AWG(65/0.05)x7C, TINNED COPPER WIRE.

(2) INSULATION: HYTREL.

20AWGx3C: $\phi 1.3 \pm 0.05$ mm. COLOR: RED, BLACK, GRAY.

26AWGx7C: $\phi 0.8 \pm 0.05$ mm. COLOR: YELLOW, WHITE,

GREEN, BLUE, ORANGE, BROWN, PURPLE.

(3) FILLER: COTTON YARN.

(4) ASSEMBLY: COTTON PAPER.

(5) SHIELD: BRAID(16/8/0.1) TINNED COPPER WIRE+COTTON PAPER.

(6) JACKET: PU(4485AF), GRAY DULL SURFACE, COLOR: GRAY RAL 7000(GB863)

$\phi 7.0 \pm 0.15$ mm, NO MARKING.

3. BENDING TEST:

(1) TEST METHOD:

FLEXING ANGLE: LEFT 90 DEGREE; RIGHT 90 DEGREE, TOTAL 180 DEGREE.

FLEXING RATE: 30 CYCLES/MINUTE; LOADING: 400GRAMS.

(2) REQUIREMENT:

A. BEND FOR 5000 CYCLES.

B. AFTER TEST, THE CABLE MUST MAINTAIN CONTINUITY 10 ADDITIONAL MANUAL CYCLES.

ALL FUNCTION AND ELECTRICAL MUST BE MET. NO VISIBLE PHYSICAL DETERIORATION OF

STRAIN RELIEF ALLOWED.

4. PULL TEST FOR PLUG:

(1) TEST METHOD: PLACE PLUG IN AN APPROPRIATE FIXTURE AND WITHSTAND AXIAL PULL THE CABLE.

(2) REQUIREMENT:

A. THE MOLDED PLUG SHALL WITHSTAND 20 POUNDS AXIAL PULL FOR 1 MINUTE.

B. AFTER TEST, THE CABLE MUST MAINTAIN CONTINUITY AND NO MECHANICAL DEFECTS SUCH AS CRACKING, CHIPPING, SEPARATION BENT OR BROKEN CONTACTS, BENT OR BROKEN PARTS.

5. COLD-RESISTANT TEST: WORKING TEMP. ARRIVE AT -30°C, SAVE TEMP. ARRIVE AT -40°C.

6. MOUNTING OF HR10A ACCORDING TO HRS INSTRUCTIONS.

7. HR10A PLUGS:

(1) MUST BE LOCKTITE 272 TO BE APPLIED ACCORDING TO TRIMBLE INSTRUCTIONS.

(2) 24 HOURS AFTER ASSEMBLY PROCESS, CHECK IF LOCKTITE IS HARDENED WITH A REVERSE TORQUE AT 5 KG/CM.

8. THE TRIMBLE MARK " " MUST BE IN ALIGNMENT WITH "HRS" MARK.

9. AFTER TESTING, [(1PC SAMPLE+INSTRUCTION)/ZIPPER BAG] AND STICK THE LABEL ON THE ZIPPER BAG.

10. ROHS COMPLIANCE.

REV	ECN NO.	DATE	BY	DESCRIPTION
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Y	NXXXXXX	Jan/20/2017	Erin Ho	

11.	1pc	ZIPPER BAG, 280*200*0.045, WITHOUT ROUND HOLE
10.	1pc	BLANK LABEL, 70*50
9.	1pc	BLANK LABEL, 25.4*38.1, WHITE+TRANSPARENT
8.	1pc	BLANK LABEL, 25.4*38.1, WHITE+TRANSPARENT
7.	1pc	INSTRUCTION, 148*210, A5, PAPER, DOUBLE SIDE PRINT
6.	0.025Kg	PVC, SHORE A85, GRAY(863)
5.	0.02Kg	PE, TRANS-CLEAR, PE101
4.	0.01M	H.S.TUBE, UL, F32, BLACK, 1.50, 1R=200M
3.	1pc	CABLE, 267#CABLE ASSEMBLY FOR A9300209
2.	1pc	CABLE, 267#CABLE ASSEMBLY FOR A9300209
1.	1pc	PCBA, 267#PCBA, FOR: A9300208/A9300209
ITEM	QTY	DESCRIPTION

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TRIMBLE P/N: 53002021		REV. Y	SINBON SINBON Electronics Co	
STIG P/N: K123553002		DESCRIPTION CABLE 2.5M HIROSE 6 TO DB9 RS232		
UNLESS OTHERWISE SPECIFIED TOLERANCE: 1 ~ 10 : ± 1 11 ~ 30 : ± 2 31 ~ 50 : ± 3 51 ~ 200 : ± 5 201 ~ 400 : ± 7 > 401 : ± 10 ANGLES : $\pm 1^\circ$		PART NUMBER A9300209		
DATE: Jan/17/2017 CHK: Erin Ho DATE: Jan/17/2017 CHK: Lily Hsu DATE: Jan/17/2017 APR: Tony Tang		SIZE: A3 UNIT: mm NO: NO		