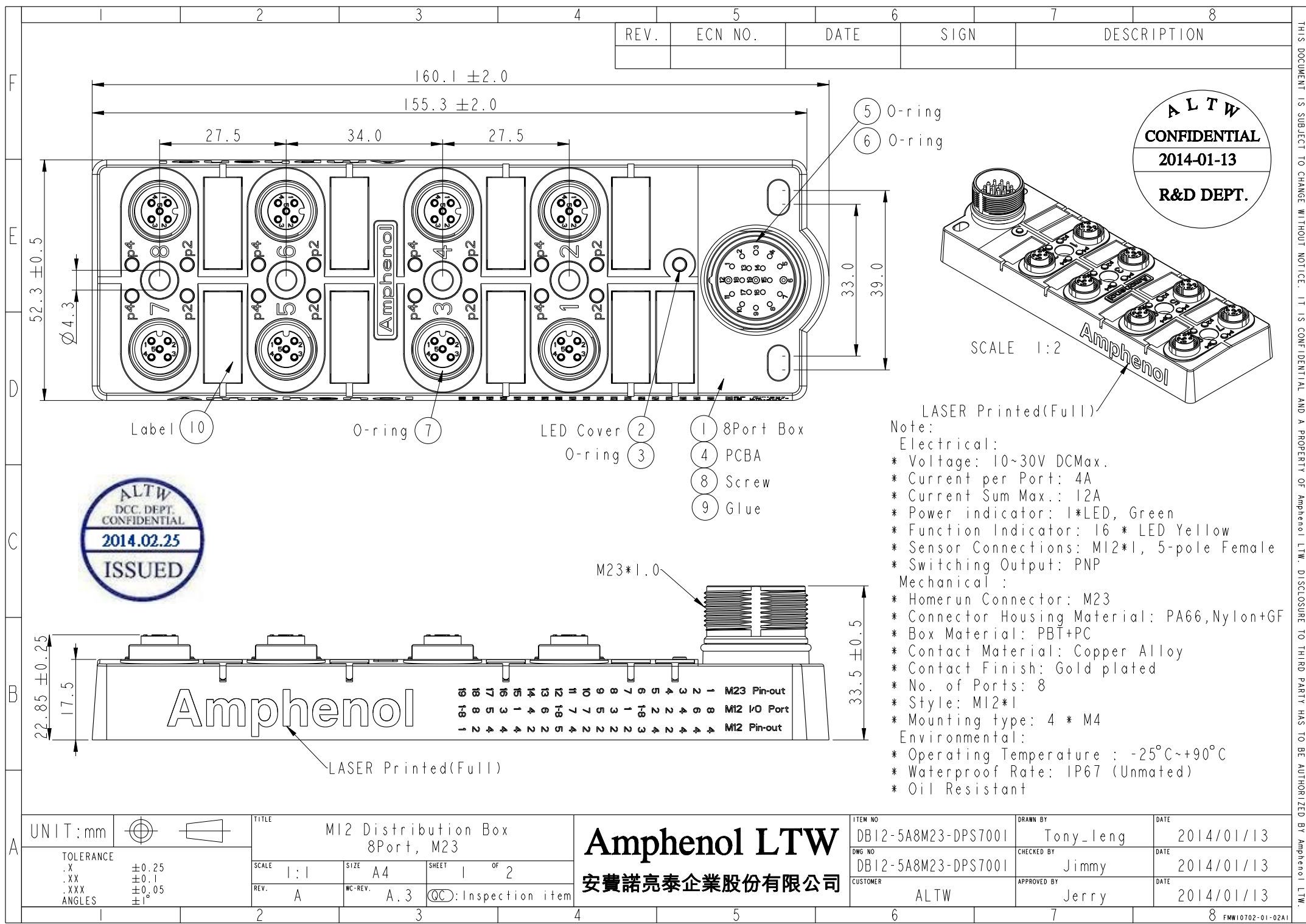
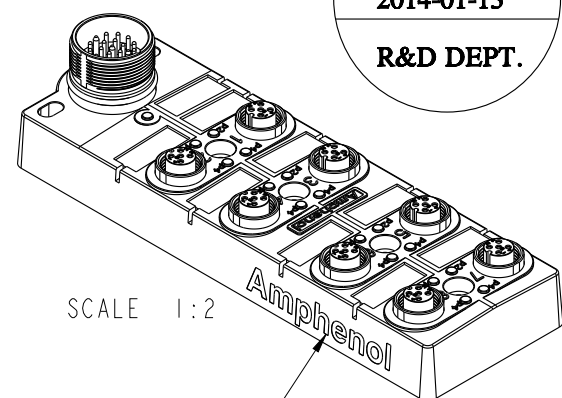




REV.	ECN NO.	DATE	SIGN	DESCRIPTION

ALTW
CONFIDENTIAL
2014-01-13
R&D DEPT.



LASER Printed(Full)

Note:

Electrical:

- * Voltage: 10~30V DCMAX.
- * Current per Port: 4A
- * Current Sum Max.: 12A
- * Power indicator: 1*LED, Green
- * Function Indicator: 16 * LED Yellow
- * Sensor Connections: M12*1, 5-pole Female
- * Switching Output: PNP

Mechanical :

- * Homerun Connector: M23
- * Connector Housing Material: PA66,Nylon+GF
- * Box Material: PBT+PC
- * Contact Material: Copper Alloy
- * Contact Finish: Gold plated
- * No. of Ports: 8
- * Style: M12*1
- * Mounting type: 4 * M4

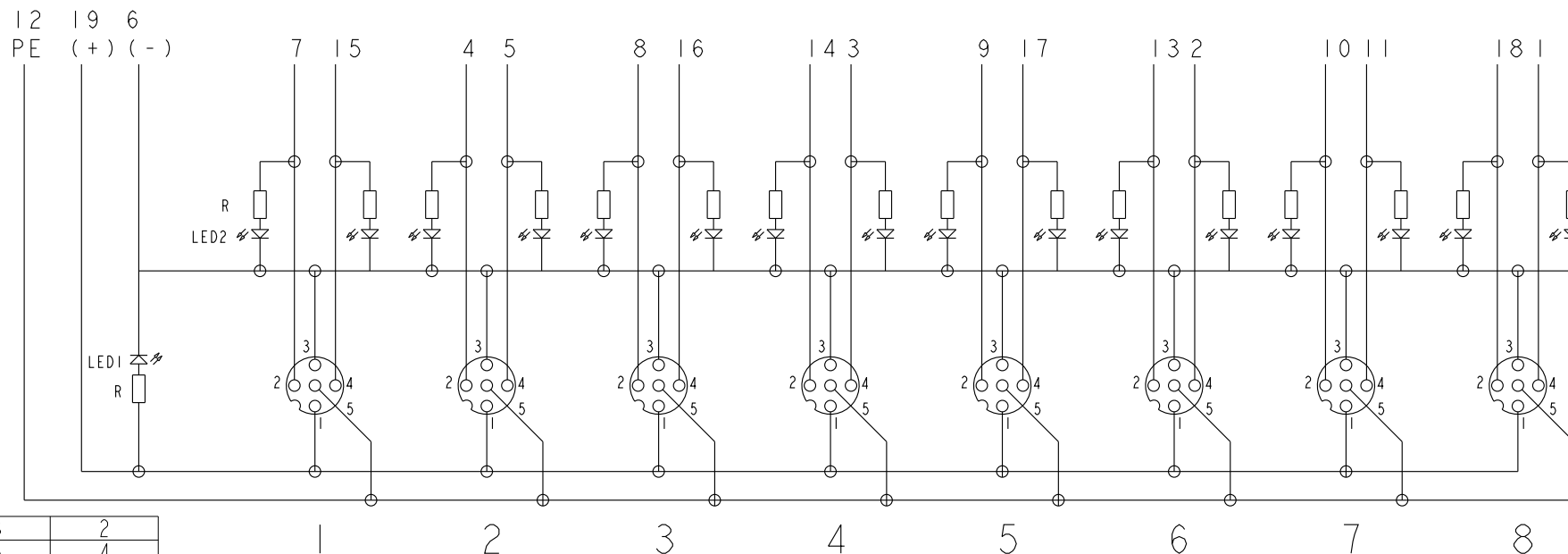
Environmental:

- * Operating Temperature : -25°C~+90°C
- * Waterproof Rate: IP67 (Unmated)
- * Oil Resistant

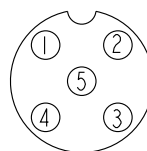
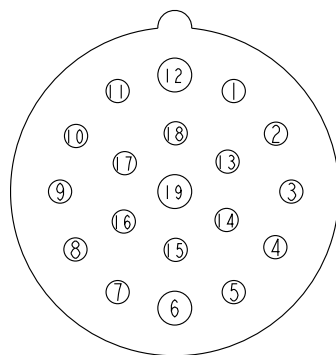
A	UNIT:mm				TITLE		M12 Distribution Box 8Port, M23		Amphenol LTW 安費諾亮泰企業股份有限公司		ITEM NO		DB12-5A8M23-DPS7001		DRAWN BY		Tony_leng		DATE		2014/01/13													
	TOLERANCE				SCALE		1:1				SIZE		A4		SHEET		1		OF		2		DWG NO		DB12-5A8M23-DPS7001		CHECKED BY		Jimmy		DATE		2014/01/13	
	.X		±0.25		REV.		A				WC-REV.		A.3		QC		:Inspection item		CUSTOMER		ALTW		APPROVED BY		Jerry		DATE		2014/01/13					
	.XX		±0.1																															
	.XXX		±0.05																															
ANGLES		±1°																																

Schematic Diagram

M23 Homerun Connector



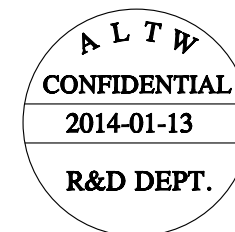
M12 I/O Ports



M12

I/O Ports
Pin1: +V
Pin2: NC
Pin3: -V
Pin4: NO
Pin5: PE

Parts
LED1: Green
LED2: Yellow
R: Resistor



18	8	2
17	5	4
16	3	4
15	1	4
14	4	2
13	6	2
11	7	4
10	7	2
9	5	2
8	3	2
7	1	2
5	2	4
4	2	2
3	4	4
2	6	4
1	8	4
19(+V)	1-8	1
6(-V)	1-8	3
12(PE)	1-8	5
M23 Pin	Port	M12 Pin

M23

UNIT:mm	
TOLERANCE	
.X	±0.25
.XX	±0.1
.XXX	±0.05
ANGLES	±1°

TITLE M12 Distribution Box 8Port, M23			
SCALE 1:2	SIZE A4	SHEET 2 OF 2	
REV. A	WC-REV. A.3	QC: Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO DB12-5A8M23-DPS7001	DRAWN BY Tony_leng	DATE 2014/01/13
DWG NO DB12-5A8M23-DPS7001	CHECKED BY Jimmy	DATE 2014/01/13
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2014/01/13

Mouser Electronics

Authorized Distributor

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