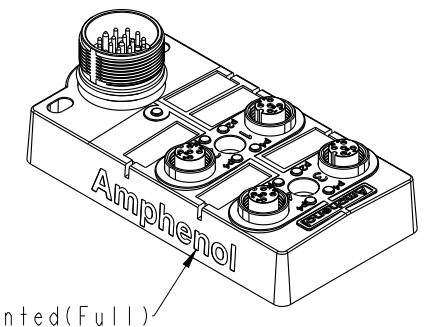
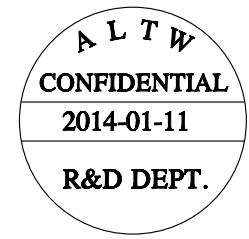
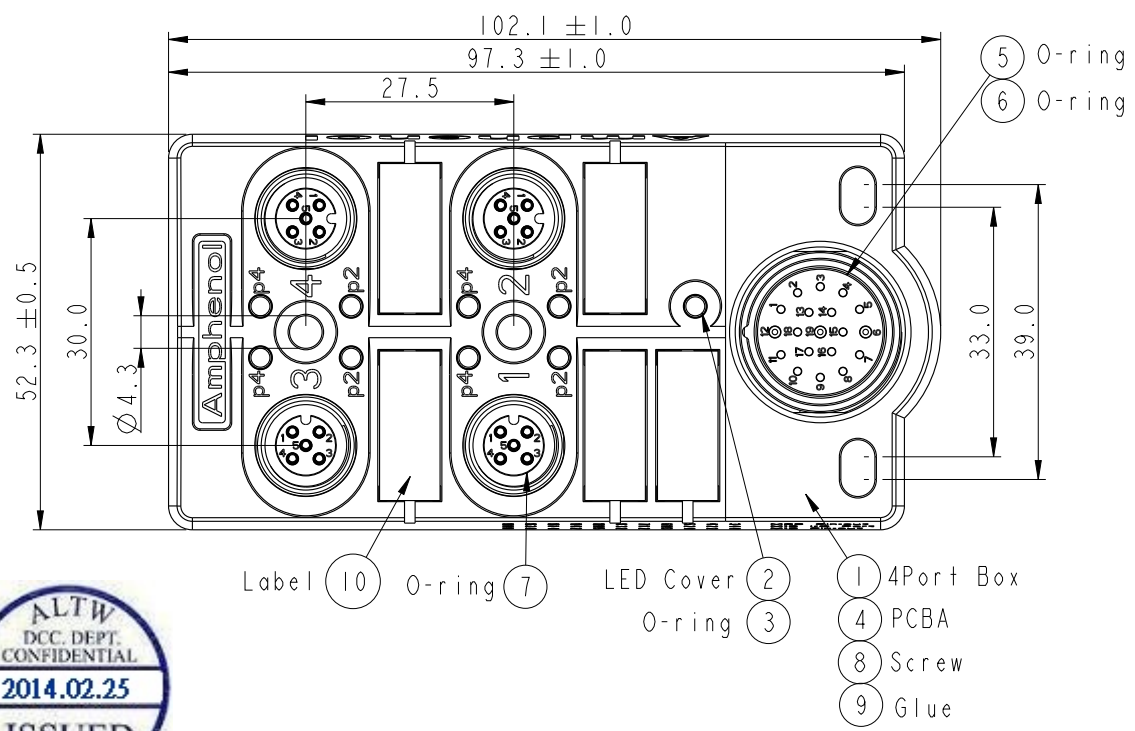


THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

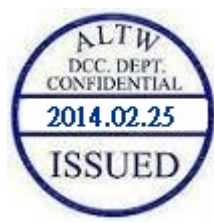
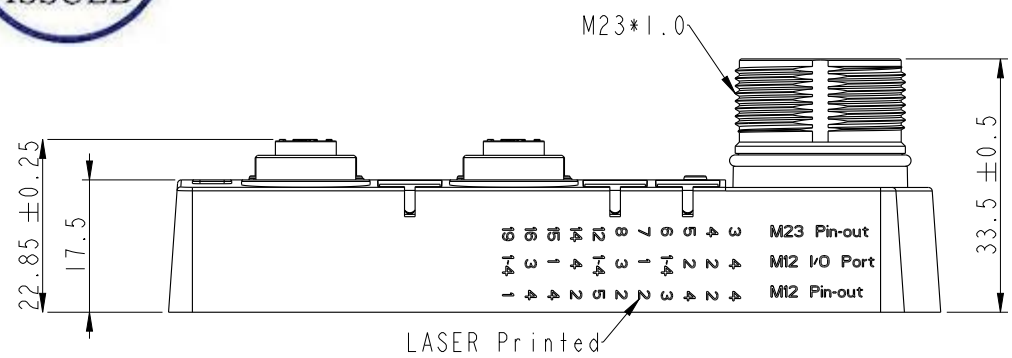
REV.	ECN NO.	DATE	SIGN	DESCRIPTION



Note:
Electrical:
* Voltage: 10~30V DCMax.
* Current per Port: 4A
* Current Sum Max.: 12A
* Power indicator: 1*LED, Green
* Function Indicator: 8* 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: 4
* Style: M12*1
* Mounting type: 2 * M4

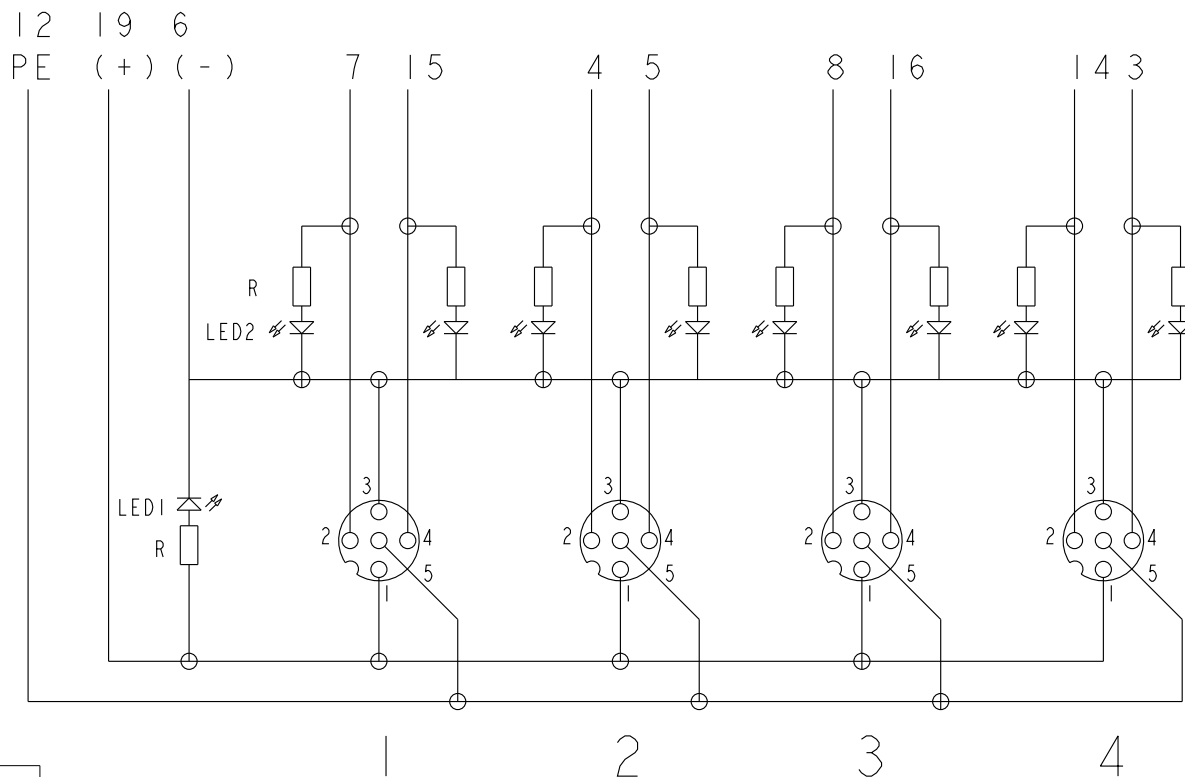
Environmental:
* Operating Temperature : -25°C~+90°C
* Waterproof Rate: IP67 (Unmated)
* Oil Resistant.



UNIT:mm		TITLE M12 Distribution Box 4Port, M23		Amphenol LTW 安費諾亮泰企業股份有限公司		ITEM NO DB12-5A4M23-DPS7001	DRAWN BY Tony_leng	DATE 2014/01/11
TOLERANCE .X ±0.25 .XX ±0.1 .XXX ±0.05 ANGLES ±1°		SCALE 1:1	SIZE A4	SHEET 1 OF 2		DWG NO DB12-5A4M23-DPS7001	CHECKED BY Jimmy	DATE 2014/01/11
REV. A		WC-REV. A.4	QC: Inspection item			CUSTOMER ALTW	APPROVED BY Jerry	DATE 2014/01/11

Schematic Diagram

M23 Homerun Connector

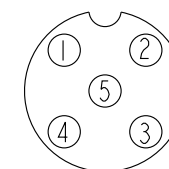


Parts

LED1: Green

LED2: Yellow

R: Resistor



M12

I/O Ports

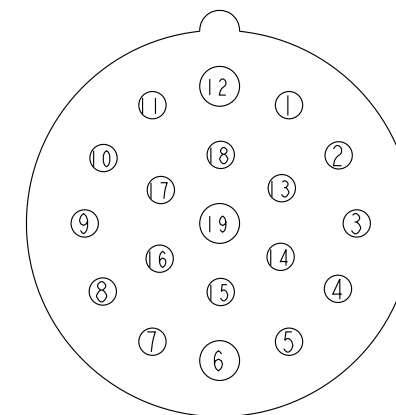
Pin1: +V

Pin2: NC

Pin3: -V

Pin4: NO

Pin5: PE



M23

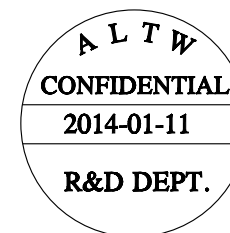
M12 I/O Ports

16	3	4
15	1	4
14	4	2
8	3	2
7	1	2
5	2	4
4	2	2
3	4	4
19(+V)	1-4	1
6(-V)	1-4	3
12(PE)	1-4	5
M23 Pin	Port	M12 Pin

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

TITLE M12 Distribution Box 4Port, M23			
SCALE 1:1	SIZE A4	SHEET 2	OF 2
REV. A	WC-REV. A.4	QC: Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司



ITEM NO DB12-5A4M23-DPS7001	DRAWN BY Tony_leng	DATE 2014/01/11
DWG NO DB12-5A4M23-DPS7001	CHECKED BY Jimmy	DATE 2014/01/11
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2014/01/11

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[DB12-5A4M23-DPS7001](#)