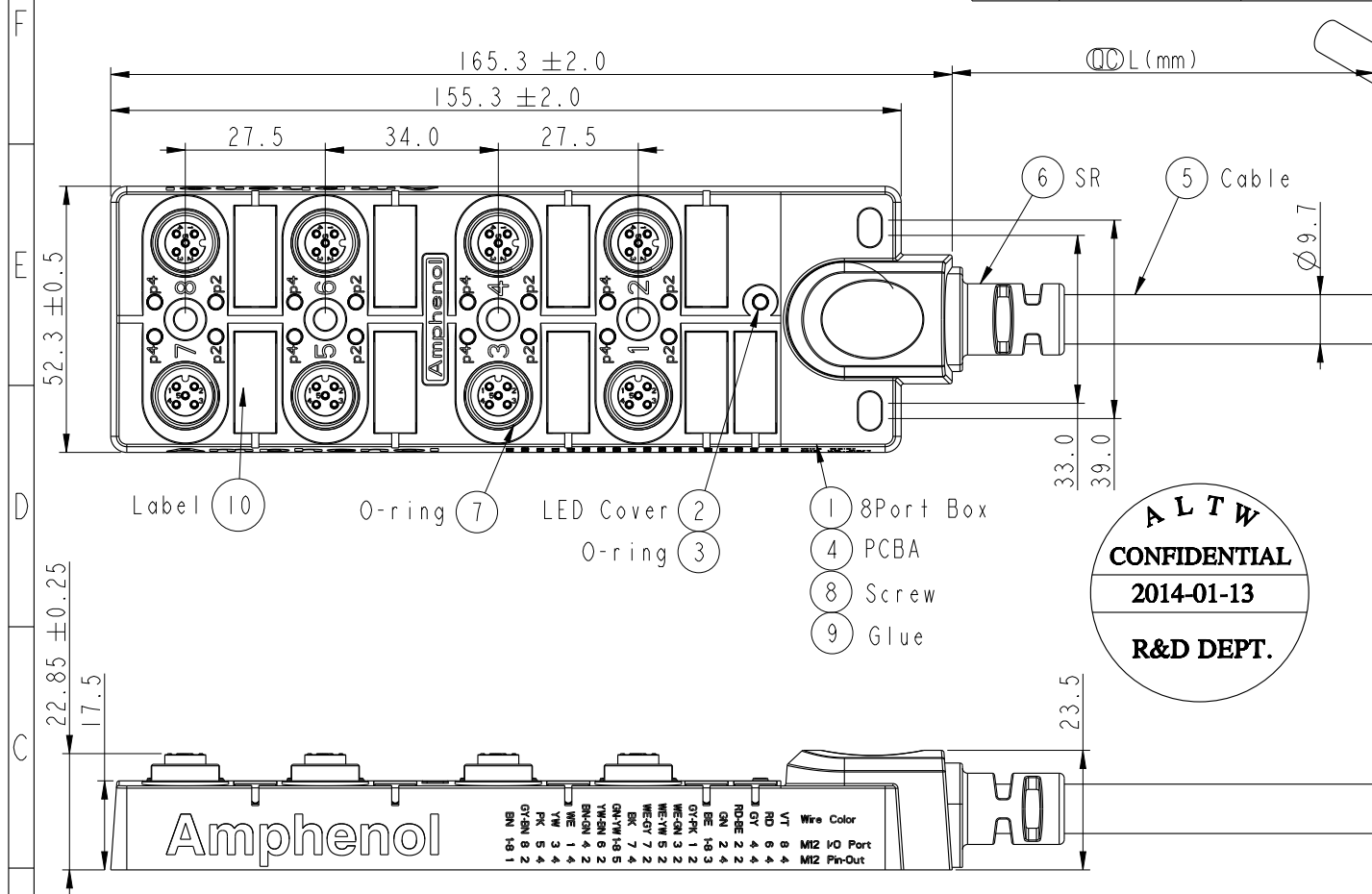


REV.	ECN NO.	DATE	SIGN	DESCRIPTION



Note:

Electrical:

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

Mechanical:

- * 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
- * Cable: UL20549, 16C*0.34mm²+3C*1.0mm², PUR Jacket, OD=9.7, Black.
- * Cable Length Tolerance: 01M: ±40mm
02~05M: ±60mm
06~10M: ±100mm
11~30M: ±200mm
31~99M: ±500mm

Environmental:

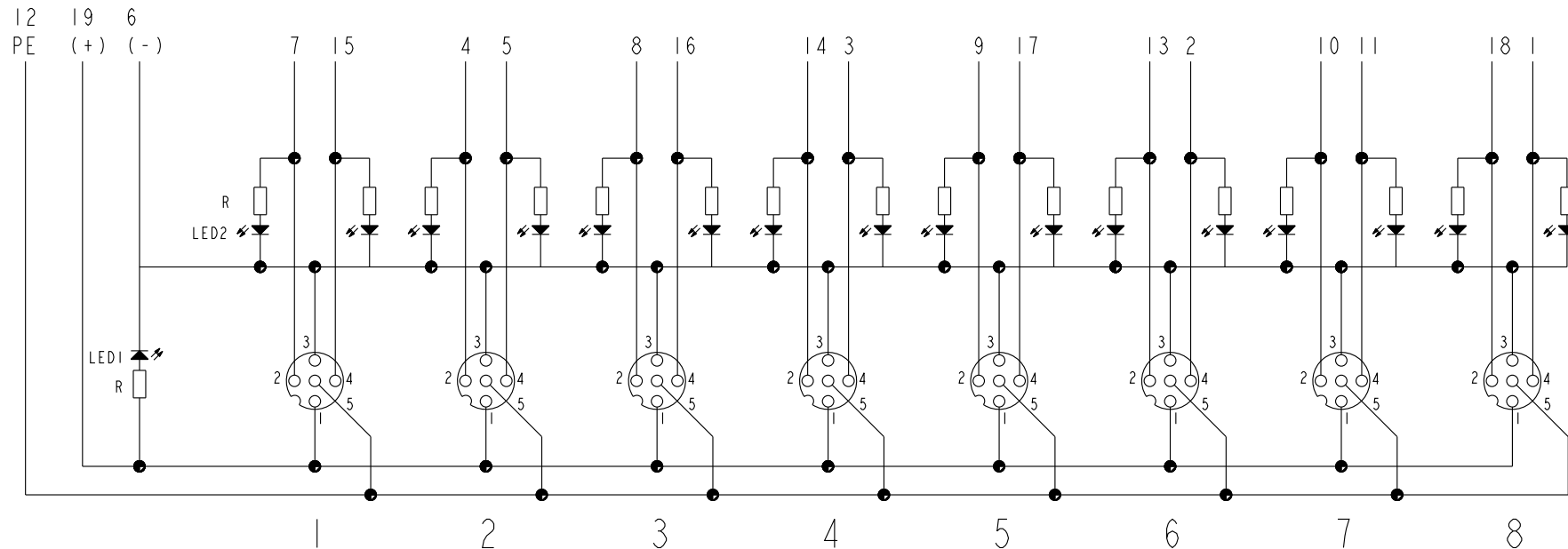
- * Operating Temperature : -20°C~+80°C
- * Waterproof Rate: IP67 (Unmated)
- * Oil Resistant



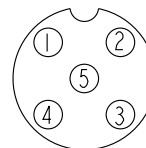
UNIT:mm		TITLE		Amphenol LTW		ITEM NO		DRAWN BY		DATE	
TOLERANCE		MI2 Distribution Box		安費諾亮泰企業股份有限公司		DWG NO		Tony_leng		2014/01/13	
.X ±0.25		8Port, Cable				DB12-5A8CAB-DPS7BXX		CHECKED BY		DATE	
.XX ±0.1		SCALE						Jimmy		2014/01/13	
.XXX ±0.05		SIZE						APPROVED BY		DATE	
ANGLES ±1°		A4						Jerry		2014/01/13	
		REV.									
		A									
		WC-REV.									
		A.3									
		SHEET									
		1 OF 2									
		QC:Inspection item									

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Schematic Diagram



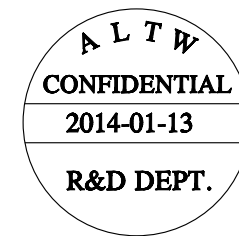
M12 I/O Ports



M12

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

Parts
LED1: Green
LED2: Yellow
R: Resistor



18	8	2	Gray/Brown
17	5	4	Pink
16	3	4	Yellow
15	1	4	White
14	4	2	Brown/Green
13	6	2	Yellow/Brown
11	7	4	Black
10	7	2	White/Gray
9	5	2	White/Yellow
8	3	2	White/Green
7	1	2	Gray/Pink
5	2	4	Green
4	2	2	Red/Blue
3	4	4	Gray
2	6	4	Red
1	8	4	Violet
19(+V)	1-8	1	Brown
6(-V)	1-8	3	Blue
12(PE)	1-8	5	Green/yellow
Wire	Port	M12 Pin	Wire Color

UNIT:mm TOLERANCE .X ±0.25 .XX ±0.1 .XXX ±0.05 ANGLES ±1°	TITLE M12 Distribution Box 8Port, Cable			ITEM NO DB12-5A8CAB-DPS7BXX		DRAWN BY Tony_leng		DATE 2014/01/13	
	SCALE	1:1	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			CUSTOMER ALTW		APPROVED BY Jerry		DATE 2014/01/13	

Mouser Electronics

Authorized Distributor

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