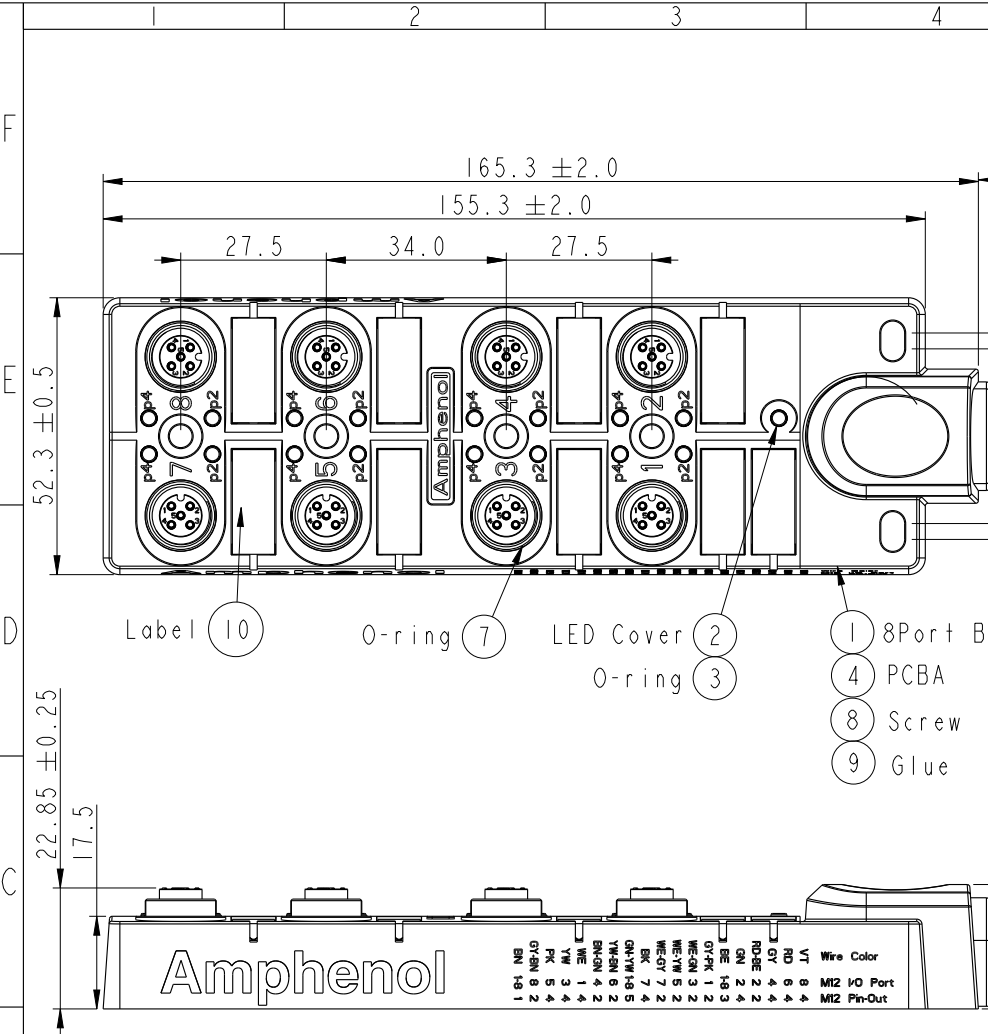


REV.	ECN NO.	DATE	SIGN	DESCRIPTION



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2014-01-13
R&D DEPT.

Note:

Electrical:

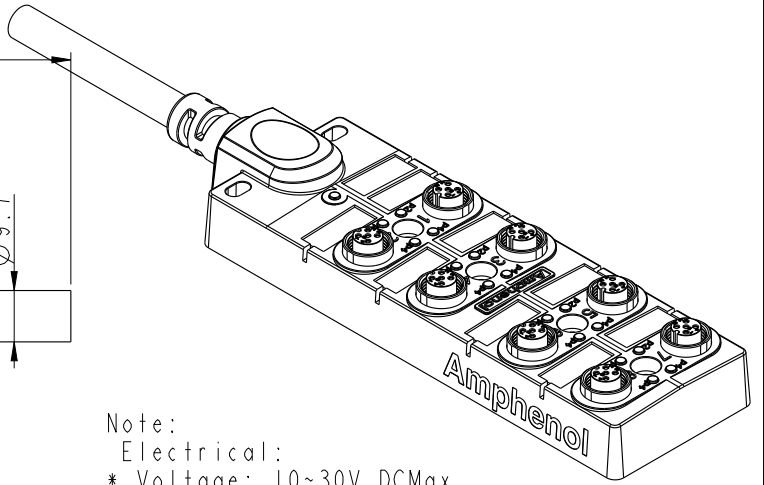
- * Voltage: 10~30V DCMax.
- * Current per Port: 4A
- * Current Sum Max.: 12A
- * Power indicator: 1*LED, Green
- * Function Indicator: 16 * LED Yellow
- * Sensor Connections: M12*1, 5-pole Female
- * Switching Output: PNP

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



DB12-5A8CAB-DPS7BXX

XX: 01~99Meters
 01: 01Meter
 05: 05Meter
 10: 10Meter
 15: 15Meter
 20: 20Meter
 30: 30Meter

Cable Length(L): 01~99Meters

UNIT: mm			TITLE M12 Distribution Box 8Port, Cable
TOLERANCE .X ±0.25 .XX ±0.1 .XXX ±0.05 ANGLES ±1°	SCALE 7:10	SIZE A4	SHEET 1 OF 2
REV. A	WC-REV. A.3	☉: Inspection item	

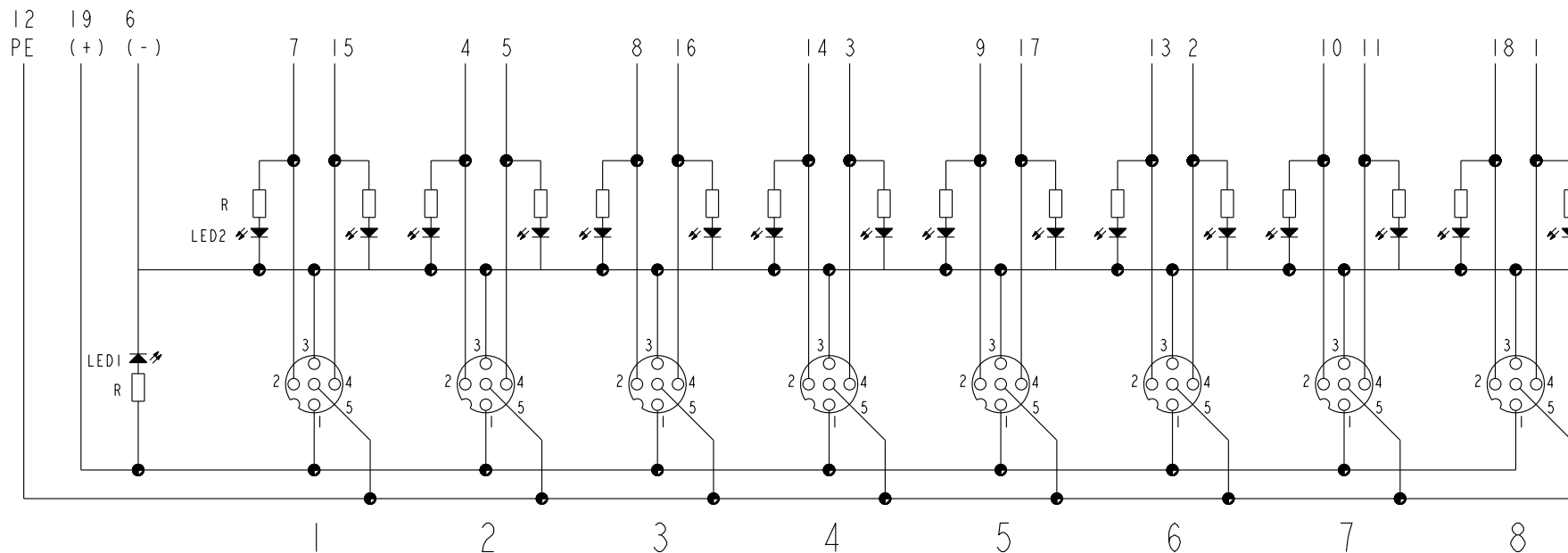
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ITEM NO.	DRAWN BY Tony_leng	DATE 2014/01/13
DWG NO. DB12-5A8CAB-DPS7BXX	CHECKED BY Jimmy	DATE 2014/01/13
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2014/01/13

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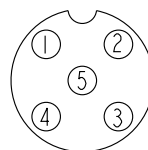
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Schematic Diagram



M12 I/O Ports

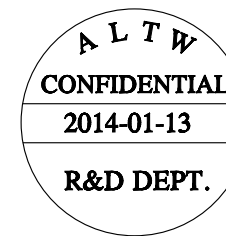
18	8	2	Gray/Brown
17	5	4	Pink
16	3	4	Yellow
15	1	4	White
14	4	2	Brown/Green
13	6	2	Yellow/Brown
11	7	4	Black
10	7	2	White/Gray
9	5	2	White/Yellow
8	3	2	White/Green
7	1	2	Gray/Pink
5	2	4	Green
4	2	2	Red/Blue
3	4	4	Gray
2	6	4	Red
1	8	4	Violet
19(+V)	1-8	1	Brown
6(-V)	1-8	3	Blue
12(PE)	1-8	5	Green/yellow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



M12

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

Parts
 LED1: Green
 LED2: Yellow
 R: Resistor



UNIT:mm

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

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

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ITEM NO	DRAWN BY	DATE
	Tony_leng	2014/01/13
DWG NO	CHECKED BY	DATE
DB12-5A8CAB-DPS7BXX	Jimmy	2014/01/13
CUSTOMER	APPROVED BY	DATE
ALTW	Jerry	2014/01/13

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