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ALTW CONFIDENTIAL 2014-07-15 R&D DEPT. 105.6 69.00 21.90 30.6 7.4 18.5 16.5 15.0 1 2 3 4 5 6 7 8 9 10 SR Cable Wire Color M8 IO Port M8 Pin-out DB8-3A6CAB-SPS7BXX XX:01~99 Meters 01:01 Meter 02:02 Meters ... 99:99 Meters Cable Length(L):01~99 Meters Cable Length Tolerance: 01M:±40mm 02M~05M:±60mm 06M~10M:±100mm 11M~30M:±200mm 31M~99M:±500mm ALTW DCC. DEPT. CONFIDENTIAL 2014.07.31 ISSUED Note: * ⌀ Important Dimensions. Electrical: * Voltage: 24VDC, 30V DCMax. * Current Sum Max.: 6A * Power indicator: 1*LED, Green * Function Indicator: 6*LED Yellow * Sensor Connections: M8*1, 3-pole Female * Switching Output: PNP Mechanical: * Box Material: PBT+PC, Black * Connector Housing Material: Nylon+GF, Black * Contact Material: Copper Alloy, Gold plated * No. of Ports: 6 * Style: M8*1.0 * Mounting type: M4 Screw * Cable: UL20549 18AWG*2C+22AWG*6C+ Filler+Paper, PUR Jacket, OD7.4, Black. Environmental: * Operating Temperature : -20°C~+80°C * Waterproof Rate: IP67 (Unmated) * Oil Resistant Amphenol LTW 安費諾亮泰企業股份有限公司 UNIT:mm TOLERANCE .X ±0.25 .XX ±0.1 .XXX ±0.05 ANGLES ±1° SCALE 9:10 SIZE A4 SHEET 1 OF 2 REV. A WC-REV. A.3 QC:Inspection item TITLE M8 Distribution BOX With Cable ITEM NO DB8-3A6CAB-SPS7BXX CUSTOMER ALTW DRAWN BY Tony-leng CHECKED BY Jimmy APPROVED BY Wenmao DATE 2014-07-15 DATE 2014-07-15 DATE 2014-07-15 <tr><td colspan="2">REV.</td><td colspan="2">ECN NO.</td><td colspan="2">DATE</td><td colspan="2">SIGN</td><td colspan="2">DESCRIPTION</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr>				REV.		ECN NO.		DATE		SIGN		DESCRIPTION																																							
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Amphenol

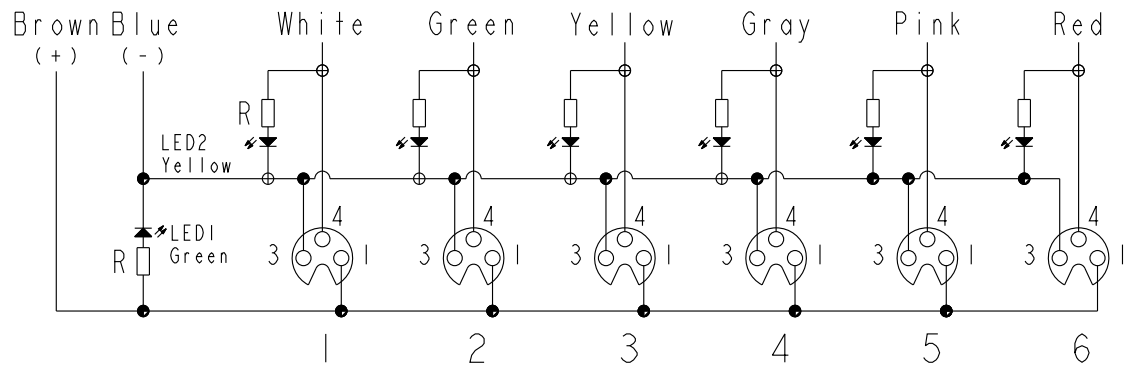
Laser Mark

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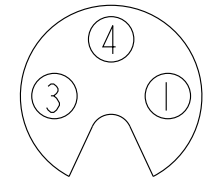


Wire Color

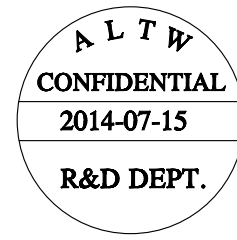


M8 I/O Ports

Red	紅	R	6	4
Pink	粉紅	G	5	4
Gray	灰	S	4	4
Yellow	黃	T	3	4
Green	綠	J	2	4
White	白	P	1	4
Blue	藍	BE(-)	1~6	3
Brown	棕	BN(+)	1~6	1
Wire Color	Pin NO.	M8 Port	M8 Pin	



M8



UNIT:mm		TITLE M8 Distribution BOX With Cable	
TOLERANCE .X ±0.25 .XX ±0.1 .XXX ±0.05 ANGLES ±1°		SCALE 4:5	SIZE A4
		REV. A	SHEET 2 OF 2
		WC-REV. A.3	QC: Inspection item

ITEM NO		DRAWN BY Tony_leng		DATE 2014-07-15	
DWG NO DB8-3A6CAB-SPS7BXX		CHECKED BY Jimmy		DATE 2014-07-15	
CUSTOMER ALTW		APPROVED BY Wenmao		DATE 2014-07-15	

Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[DB8-3A6CAB-SPS7B01](#) [DB8-3A6CAB-SPS7B10](#) [DB8-3A6CAB-SPS7B03](#) [DB8-3A6CAB-SPS7B05](#)