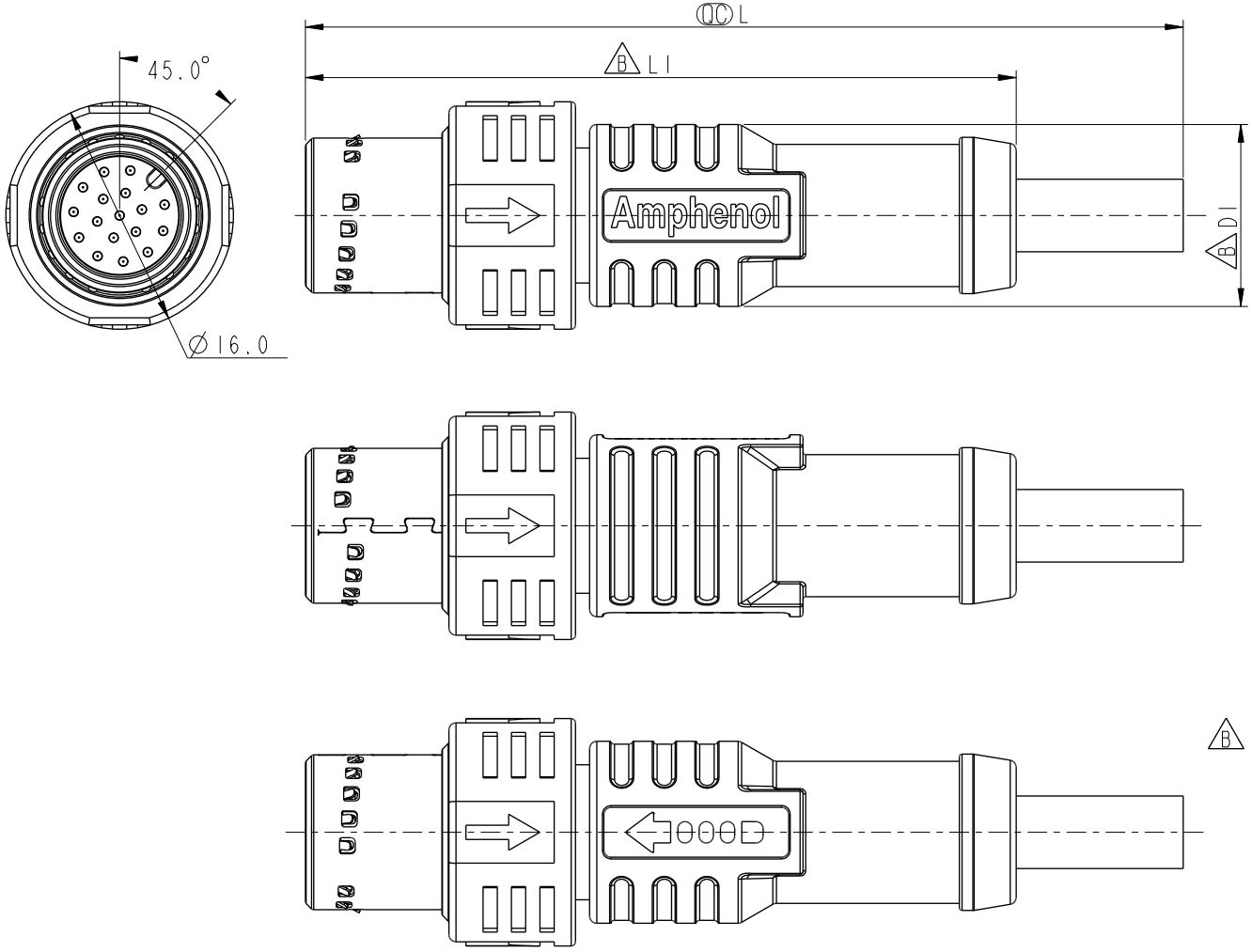
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A		2020-09-10	Sam Ho	New Release
B	C210190	2021-01-13	Vincent Huang	△B X5



Notes:

Material Specification:
- * Housing: Thermoplastic, UL94V-0, Black.
- * Male Pin: Copper Alloy, Gold Plated.
- * Shell & Latch & Spring: Matal.
- * Outer Mold: Thermoplastic, Black.
- * Cable: PVC UL2517 Cable, Black.

Electrical Specification:
- * Contact Resistance: 10mΩ (Max.)
- * Insulation Resistance: 100MΩ (Min.)
- * Voltage Proof: 2~4 Pin 1.5KV
  5 Pin 1.0KV
  6~8 Pin 0.65KV
  9~17 Pin 0.65KV
- * Rated Voltage: 2~4 Pin 250V D.C. or A.C.
  5 Pin 60V D.C. or A.C.
  6~17 Pin 30V D.C. or A.C.
- * Rated Current: 2~5 Pin 4.0A
  6~8 Pin 2.0A
  9~17 Pin 1.5A

Mechanical Specification:
- * Durability: 500 Cycles.

Environmental Specification: △B
- * Waterproof Rate: IP68(Mated,1m/24hr).
- * Termperature Range: -20~+105°C

Cable Langth Tolerance :
1M:+50/-0mm
2M~3M:+100/-0mm
4M~5M:+150/-0mm
6M~10M:±100mm
11M~20M:±200mm
21M~30M:±300mm
31M~99M:±500mm

UNIT:mm	TITLE: M12 A Code Push Pull Type Cable		ITEM NO	DRAWN BY: Sam Ho	DATE: 2020-09-10
TOLERANCE: ±0.50mm	SCALE: 2:1	SIZE: A4	DWG NO: M12A-XXBMMM-PL8DXX	CHECKED BY: Fred Lee	DATE: 2020-09-10
	REV.: B	WC-REV.	CUSTOMER: ALTW	APPROVED BY: Fred Lee	DATE: 2020-09-10
	SHEET 1 OF 3	QC: Inspection item			

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Contacts	Cable Jacket	Cable OD	AWG	Item No.	B L1	B D1
17P	PVC	7.0	26	M12A-17BMMM-PL8DXX	54.0	14.8
12P		6.0		M12A-12BMMM-PL8DXX		
10P				M12A-10BMMM-PL8DXX		
8P		5.5	24	M12A-08BMMM-PL8DXX	50.0	12.8
6P		5.0		M12A-06BMMM-PL8DXX		
5P		5.1	22	M12A-05BMMM-PL8DXX		
4P		4.8		M12A-04BMMM-PL8DXX		
3P		4.1		M12A-03BMMM-PL8DXX		

M12A- XX BMMM-PL8D XX

XX: No. Of Pin

XX:L=0~99Meters
01:L=1Meters
02:L=2Meters
:
99:L=99Meters

UNIT:mm

TOLERANCE
±0.50mm

TITLE: M12 A Code Push Pull Type Cable

SCALE 2:1 | SIZE A4 | SHEET 2 OF 3

REV. B | WC-REV.

QC: Inspection item

Amphenol LTW
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ITEM NO

DWG NO M12A-XXBMMM-PL8DXX

CUSTOMER ALTW

DRAWN BY Sam Ho	DATE 2020-09-10
CHECKED BY Fred Lee	DATE 2020-09-10
APPROVED BY Fred Lee	DATE 2020-09-10

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Pin #	Wire
5	- -
4	Black 黑
3	Blue 藍
2	- -
1	Brown 棕

Pin #	Wire
5	- -
4	Black 黑
3	Blue 藍
2	White 白
1	Brown 棕

Pin #	Wire
5	Gray 灰
4	Black 黑
3	Blue 藍
2	White 白
1	Brown 棕

Pin #	Wire
8	- -
7	Blue 藍
6	Pink 粉
5	- -
4	Yellow 黃
3	Green 綠
2	Brown 棕
1	White 白

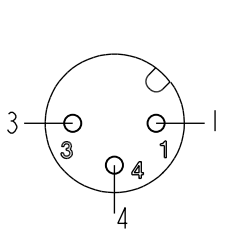
Pin #	Wire
8	Red 紅
7	Blue 藍
6	Pink 粉
5	Gray 灰
4	Yellow 黃
3	Green 綠
2	Brown 棕
1	White 白

Pin #	Wire
12	- -
11	- -
10	Violet 紫
9	Black 黑
8	Red 紅
7	Blue 藍
6	Pink 粉
5	Gray 灰
4	Yellow 黃
3	Green 綠
2	Brown 棕
1	White 白

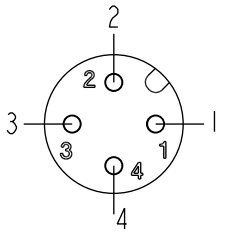
Pin #	Wire
12	Red/Blue 紅/藍
11	Gray/Pink 灰/粉
10	Violet 紫
9	Black 黑
8	Red 紅
7	Blue 藍
6	Pink 粉
5	Gray 灰
4	Yellow 黃
3	Green 綠
2	Brown 棕
1	White 白

Pin #	Wire
17	White/Gray 白/灰
16	Yellow/Brown 黃/棕
15	White/Yellow 白/黃
14	Brown/Green 棕/綠
13	White/Green 白/綠
12	Red/Blue 紅/藍
11	Gray/Pink 灰/粉
10	Violet 紫
9	Red 紅
8	Gray 灰
7	Black 黑
6	Yellow 黃
5	Pink 粉
4	Green 綠
3	White 白
2	Blue 藍
1	Brown 棕

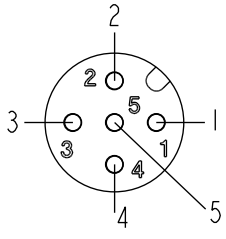
Pin Out



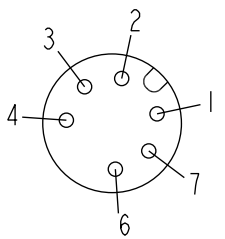
3 Pin



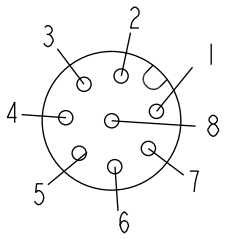
4 Pin



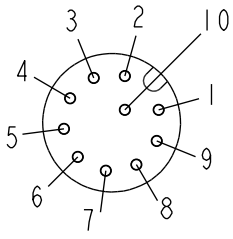
5 Pin



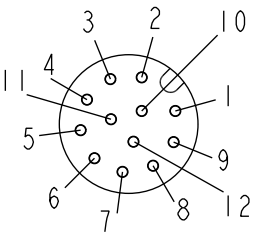
6 Pin



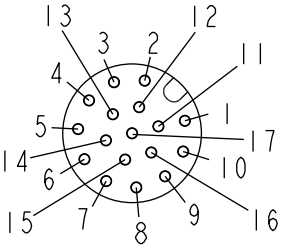
8 Pin



10 Pin



12 Pin



17 Pin

Pin Assignments Front View

UNIT: mm	TITLE: M12 A Code Push Pull Type Cable	ITEM NO	DRAWN BY: Sam Ho / DATE: 2020-09-10
TOLERANCE: ±0.50mm	SCALE: 2:1 / SIZE: A4 / SHEET: 3 OF 3	DWG NO: M12A-XXBMMM-PL8XXX	CHECKED BY: Fred Lee / DATE: 2020-09-10
	REV: B / WC-REV. / (QC): Inspection item	CUSTOMER: ALTW	APPROVED BY: Fred Lee / DATE: 2020-09-10

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