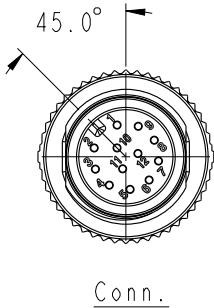
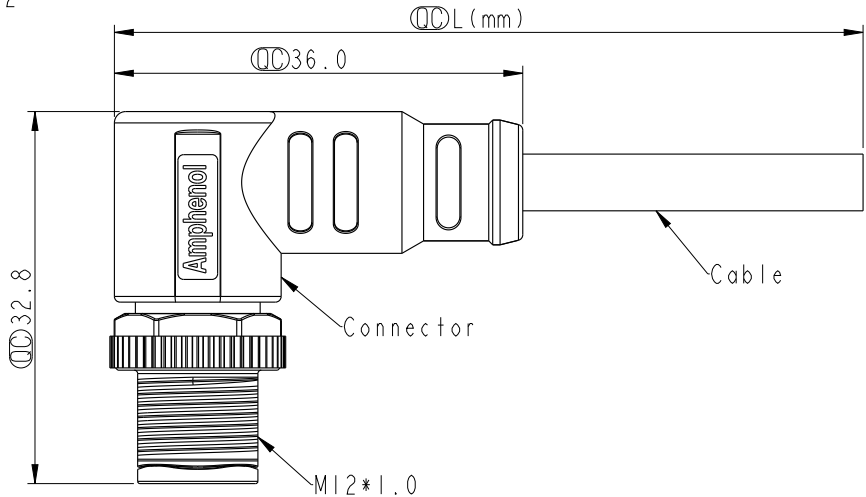
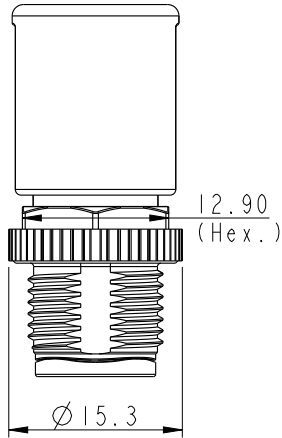


F
E
D
C
B
A



This connector design is for pin: 3~12



REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C210429	2021/03/26	Vicky	X3
C	C230018	2023/01/05	Vicky	X1
D	C260594	2026/05/26	Lavy	X4

- Note:
- * RoHS Compliant
 - * Important dimension
 - * Waterproof rate: IP68, mated 1m/24h
IP69K, mated
 - * Connector
 - Housing: Thermoplastic, Black
 - Pin: Copper alloy, Gold plated
 - Nut: Metal
 - Shield: Metal
 - Outer mold: Thermoplastic, Black
 - * Cable: UL20549, Shield, PU Jacket, Black
 - * Cable length tolerance: 1M: +50/-0 mm

1M < L ≤ 3M:	+100/-0 mm
3M < L ≤ 5M:	+150/-0 mm
5M < L ≤ 10M:	±100 mm
10M < L ≤ 20M:	±200 mm
20M < L ≤ 30M:	±300 mm
30M < L ≤ 99M:	±500 mm

UNIT:mm		TITLE		ITEM NO		DRAWN BY		DATE	
TOLERANCE		N SEN, MI2 A -SHLD, SCREW CABLE W/O SR, M, M, MOLDING		MSAS-XXBMMM-SR8BXX		Lavy		2026-05-26	
±0.5mm		SCALE	SIZE	SHEET	OF	CHECKED BY		DATE	
		3:2	A4	1	3	Nan Su		2026-05-26	
		REV.	WC-REV.	QC:Inspection item		APPROVED BY		DATE	
		D	A.5			Jerry		2026-05-26	
						ALTW			

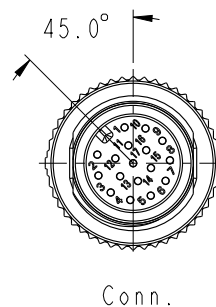
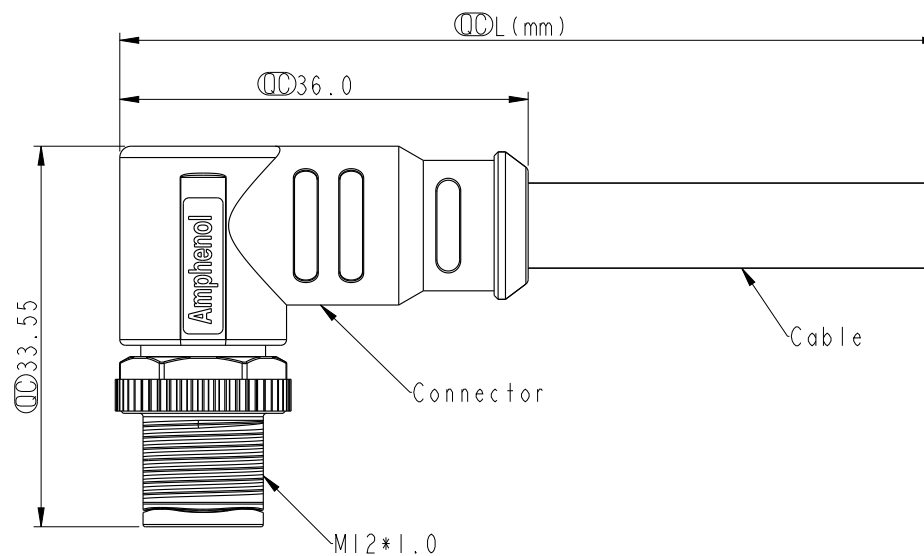
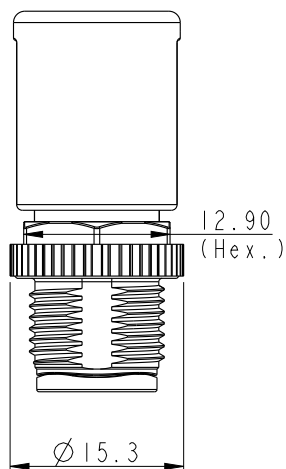
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This connector design is for pin: 17



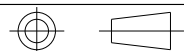
Note:

- * RoHS Compliant
- * $\varnothing$ Important dimension
- * Waterproof rate: IP68, mated 1m/24h
IP69K, mated

- * Connector
 - Housing: Thermoplastic, Black
 - Pin: Copper alloy, Gold plated
 - Nut: Metal
 - Shield: Metal
 - Outer mold: Thermoplastic, Black
- * Cable: UL20549, Shield, PU Jacket, Black
- * Cable length tolerance: 1M: +50/-0 mm

1M < L ≤ 3M:	+100/-0 mm
3M < L ≤ 5M:	+150/-0 mm
5M < L ≤ 10M:	±100 mm
10M < L ≤ 20M:	±200 mm
20M < L ≤ 30M:	±300 mm
30M < L ≤ 99M:	±500 mm

UNIT:mm



TOLERANCE

±0.5mm

TITLE

N SEN, M12 A -SHLD, SCREW
CABLE W/O SR, M, M, MOLDING

SCALE 3:2

SIZE A4

SHEET 2 OF 3

REV. D

WC-REV. A.5

$\varnothing$: Inspection item

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ITEM NO

DWG NO

CUSTOMER

MSAS-XXBMMM-SR8BXX
ALTW

DRAWN BY

CHECKED BY

APPROVED BY

Lavy
Nan Su
Jerry

DATE

DATE

DATE

2026-05-26
2026-05-26
2026-05-26

						6	7	8		
						△D	17P	7.5	26	MSAS-17BMMM-SR8BXX
							12P	6.4	26	MSAS-12BMMM-SR8BXX
							8P	5.8	24	MSAS-08BMMM-SR8BXX
							5P	5.7	22	MSAS-05BMMM-SR8BXX
						△B	Contacts	Cable OD	AWG	Item No.

△B

MSAS-XXBMMM-SR8BXX

XX: No. Of Pin

XX: 01~99Meters
01: 01Meter
02: 02Meters
:
99: 99Meters

										△D	
											Shield Braid
											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 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
											Shield Braid
											12 -- 紅/藍
											11 -- 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
											Shield Braid
											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
											Shield Braid
											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 # Wire

	3P	4P	5P	6P	8P	10P	12P	17P
--	----	----	----	----	----	-----	-----	-----

Pin Assignments Front View

UNIT:mm		TITLE	N SEN, M12 A -SHLD, SCREW CABLE W/O SR, M, M, MOLDING	ITEM NO	MSAS-XXBMMM-SR8BXX	DRAWN BY	Lavy	DATE	2026-05-26	
TOLERANCE	±0.5mm	SCALE	3:2	SIZE	A4	SHEET	3	OF	3	
REV.	D	WC-REV.	A.5	QC:Inspection item	CUSTOMER	ALTW	CHECKED BY	Nan Su	DATE	2026-05-26
							APPROVED BY	Jerry	DATE	2026-05-26

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W10814-03-0001A2