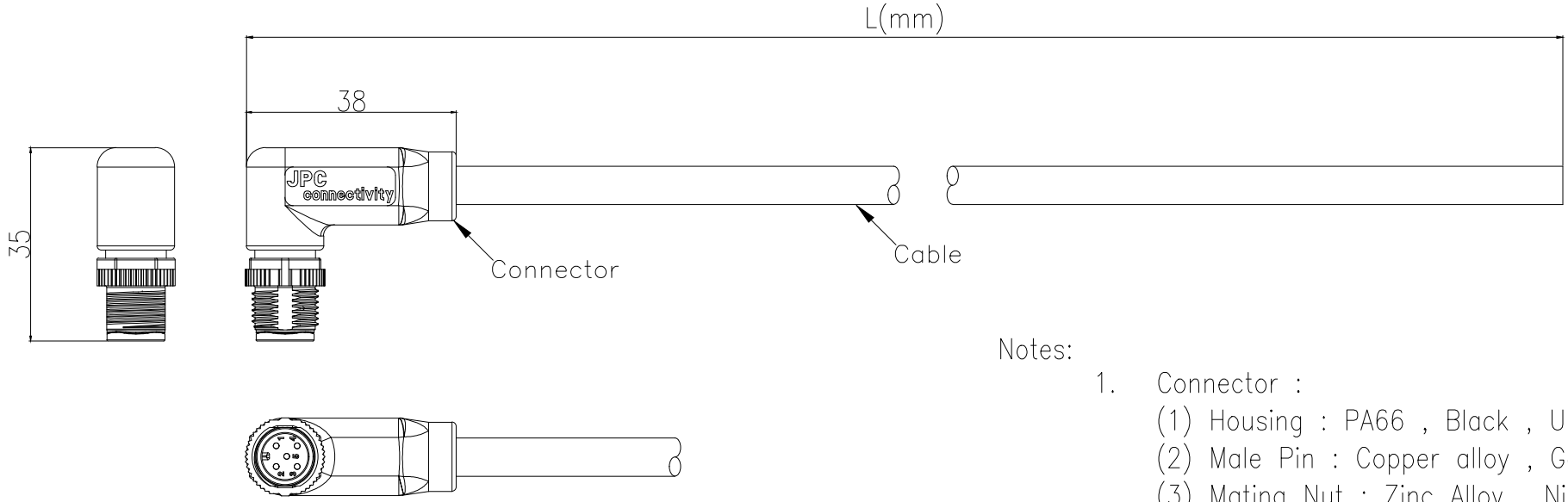


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CUSTOMER DRAWING

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
A1		First Release	George	Ray	07/16/2024
A2					
A3					



Notes:

- Connector :
  - Housing : PA66 , Black , UL94V-0
  - Male Pin : Copper alloy , Gold plated
  - Mating Nut : Zinc Alloy , Ni plated
  - OverMold : Plastic , Black , UL94V-0
- Waterproof Rate : IP67 Mated.
- RoHS Compliant
- Cable : UL2517 , Black PVC Jacket
- Cable Length Tolerance :
  - $L \leq 0.3M$  : +25mm/-0mm
  - $0.3M < L \leq 1.5M$  : +50mm/-0 mm
  - $1.5M < L \leq 3M$  : +100mm/-0 mm
  - $3M < L \leq 7.5M$  : +150/-0 mm
  - $L > 7.5M$  : +5%mm/-0% mm

<b>RoHS COMPLIANT</b>	Unit : mm	PROJECTION 		<b>JPC connectivity</b>		
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/16/2024	TITLE M12 A Code Cable Slide Male 90° to Open		PD./FILE NO.	
	0 = ±.50 0.0 = ±.25 0.00 = ±.15 0.000 = ±.05 0' = ±.2' 0.0' = ±.1'	CH.K 07/16/2024	SCALE	SIZE	PART NO.	REV. A1
		APV.D 07/16/2024	-	A4	---	SHEET 1 OF 1

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CUSTOMER DRAWING

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
A1		First Release	George	Ray	07/16/2024
A2					
A3					

A  
B  
C  
D  
E  
F

A  
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Conn.	2pin	3pin	4pin	5pin	6pin	8pin	10pin	12pin	17pin																																																																																																																																																									
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P/N:  
A-MS12-XXC-MMMS-SR-7MXXX  
XX : No. Of Pin  
XXX (Length) : \_\_\_\_\_  
First X : A (0 meter) , B (1 Meter)  
XX :10 (100mm) , 20 (200mm)  
XXX :A10 (100mm) , B20 (1200mm)

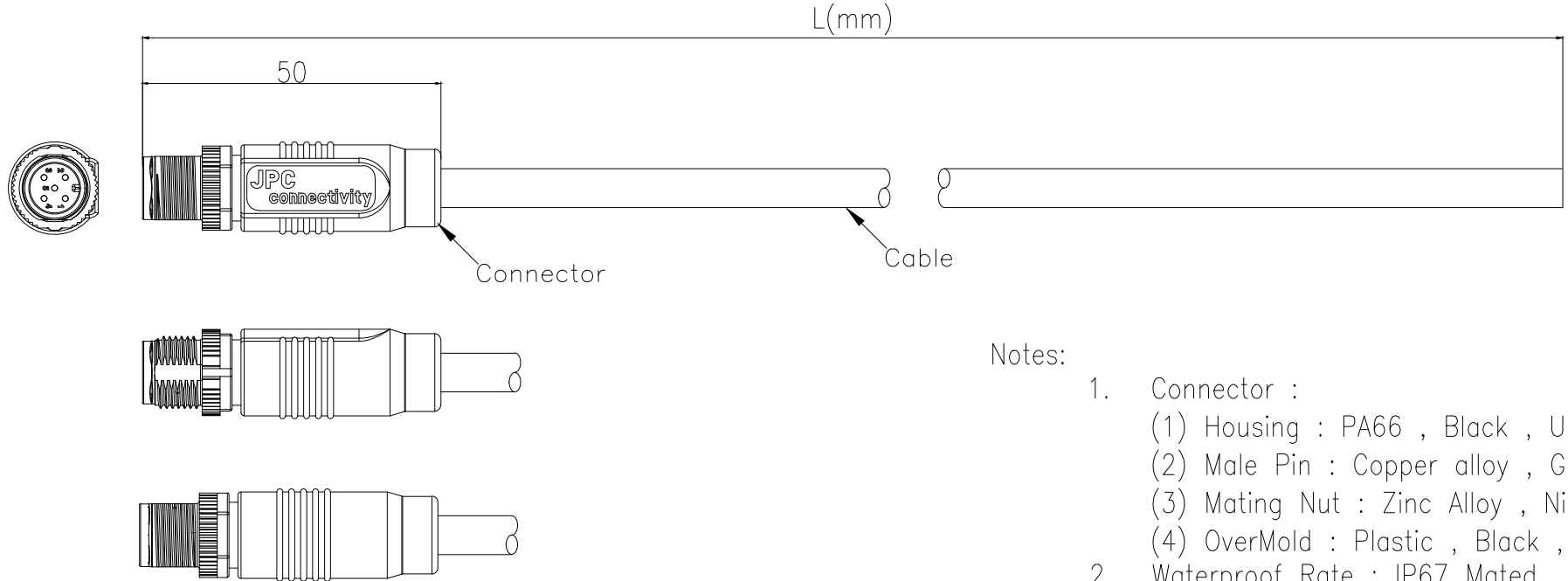
Contacts	AWG	P/N
2	22	A-MS12-02C-MMMS-SR-7MXXX
3	22	A-MS12-03C-MMMS-SR-7MXXX
4	22	A-MS12-04C-MMMS-SR-7MXXX
5	22	A-MS12-05C-MMMS-SR-7MXXX
6	24	A-MS12-06C-MMMS-SR-7MXXX
8	24	A-MS12-08C-MMMS-SR-7MXXX
10	26	A-MS12-10C-MMMS-SR-7MXXX
12	26	A-MS12-12C-MMMS-SR-7MXXX
17	26	A-MS12-17C-MMMS-SR-7MXXX

<b>RoHS COMPLIANT</b>	Unit : mm	PROJECTION 	<b>JPC connectivity</b>		
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/16/2024			TITLE M12 A Code Cable Slide Male 90° to Open
	0 = ±.50 0.0 = ±.25 0.00 = ±.15 0.000 = ±.05 0' = ±.2' 0.0' = ±.1'	CH.K 07/16/2024	SCALE	SIZE A4	PART NO. - - - - -
		APV.D 07/16/2024			REV. A1 SHEET 1 OF 1

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CUSTOMER DRAWING

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A1		First Release	George	Ray	07/16/2024
A2					
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	0.0 = ±.25 0.00 = ±.15 0.000 = ±.05 0' = ±.2' 0.0' = ±.1'	APV.D 07/16/2024	SCALE SIZE PART NO.	REV. A1
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P/N:  
A-MS12-XXC-MMMS-SS-7MXXX  
XX : No. Of Pin  
XXX (Length) : \_\_\_\_\_  
First X : A (0 meter) , B (1 Meter)  
XX :10 (100mm) , 20 (200mm)  
XXX :A10 (100mm) , B20 (1200mm)

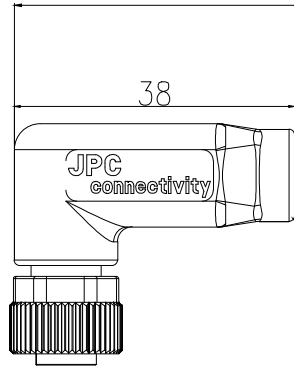
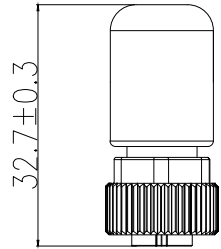
Contacts	AWG	P/N
2	22	A-MS12-02C-MMMS-SS-7MXXX
3	22	A-MS12-03C-MMMS-SS-7MXXX
4	22	A-MS12-04C-MMMS-SS-7MXXX
5	22	A-MS12-05C-MMMS-SS-7MXXX
6	24	A-MS12-06C-MMMS-SS-7MXXX
8	24	A-MS12-08C-MMMS-SS-7MXXX
10	26	A-MS12-10C-MMMS-SS-7MXXX
12	26	A-MS12-12C-MMMS-SS-7MXXX
17	26	A-MS12-17C-MMMS-SS-7MXXX

<b>RoHS COMPLIANT</b>	Unit : mm	PROJECTION 	<b>JPC connectivity</b>	
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/16/2024		
	0 = ±.50	CH.K 07/16/2024	M12 A Code Cable Side Male to Open	
	0.0 = ±.25 0.00 = ±.15 0.000 = ±.05 0' = ±.2' 0.0' = ±.1'	APV.D 07/16/2024	SCALE	SIZE
		-	A4	---
				REV. A1
				SHEET 1 OF 1

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CUSTOMER DRAWING

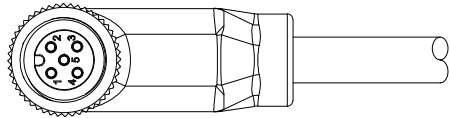
REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
A1		First Release	George	Ray	07/16/2024
A2					
A3					



Connector

L(mm)

Cable



Notes:

- Connector :
  - Housing : PA66 , Black , UL94V-0
  - Female Pin : Copper alloy , Gold plated
  - O-Ring : Silicone Rubber , Black
  - Mating Nut : Zinc Alloy , Ni plated
  - OverMold : Plastic , Black , UL94V-0
- Waterproof Rate : IP67 Mated.
- RoHS Compliant
- Cable : UL2517 , Black PVC Jacket
- Cable Length Tolerance :
  - $L \leq 0.3M$  : +25mm/-0mm
  - $0.3M < L \leq 1.5M$  : +50mm/-0 mm
  - $1.5M < L \leq 3M$  : +100mm/-0 mm
  - $3M < L \leq 7.5M$  : +150mm/-0 mm
  - $L > 7.5M$  : +5%mm/-0% mm

<b>RoHS COMPLIANT</b>	Unit : mm	PROJECTION	<b>JPC connectivity</b>		
	GENERAL TOLERANCES: (UNLESS SPECIFIED)				
	0 = ±.50	D.R. 07/16/2024	M12 A Code Cable Slide Female 90° to Open		PD./FILE NO.
	0.0 = ±.25	CH.K 07/16/2024	SCALE	SIZE	PART NO.
0.00 = ±.15	APV.D 07/16/2024	-	A4	---	REV. A1
0.000 = ±.05					SHEET 1 OF 1
0' = ±.2'					
0.0' = ±.1'					

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CUSTOMER DRAWING

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
A1		First Release	George	Ray	07/16/2024
A2					
A3					

A  
B  
C  
D  
E  
F

Conn.	2pin	3pin	4pin	5pin	6pin	8pin	10pin	12pin	17pin																																																																																																																																																									
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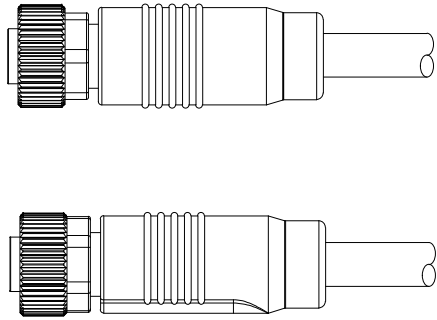
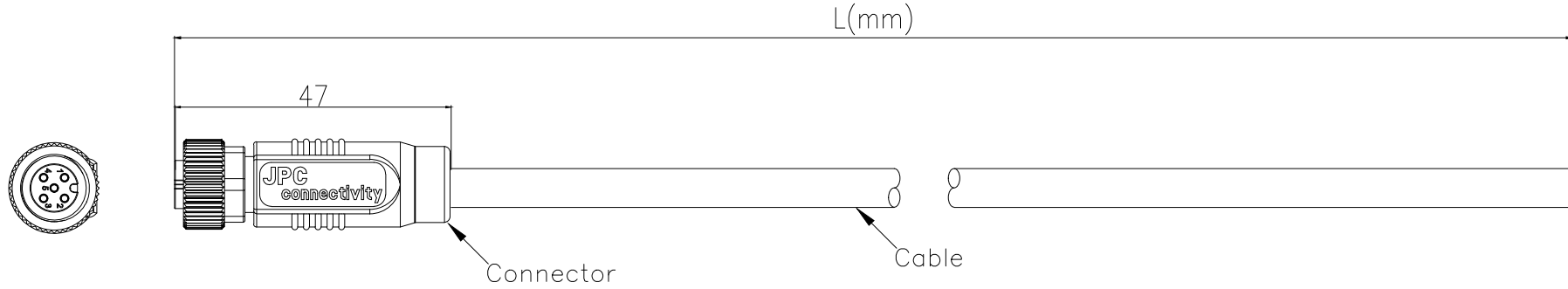
Contacts	AWG	P/N
2	22	A-MS12-02C-FFMS-SR-7MXXX
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6	24	A-MS12-06C-FFMS-SR-7MXXX
8	24	A-MS12-08C-FFMS-SR-7MXXX
10	26	A-MS12-10C-FFMS-SR-7MXXX
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<b>RoHS COMPLIANT</b>	Unit : mm	PROJECTION 	<b>JPC connectivity</b>		
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/16/2024			TITLE M12 A Code Cable Side Female 90° to Open
	0 = ±.50 0.0 = ±.25 0.00 = ±.15 0.000 = ±.05 0' = ±.2' 0.0' = ±.1'	CH.K 07/16/2024	SCALE	SIZE A4	PART NO. - - - - -
		APV.D 07/16/2024	REV. A1	SHEET 1 OF 1	

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CUSTOMER DRAWING

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
A1		First Release	George	Ray	07/16/2024
A2					
A3					



Notes:

- Connector :
  - Housing : PA66 , Black , UL94V-0
  - Female Pin : Copper alloy , Gold plated
  - O-Ring : Silicone Rubber , Black
  - Mating Nut : Zinc Alloy , Ni plated
  - OverMold : Plastic , Black , UL94V-0
- Waterproof Rate : IP67 Mated.
- RoHS Compliant
- Cable : UL2517 , Black PVC Jacket
- Cable Length Tolerance :
  - $L \leq 0.3M$  : +25mm/-0mm
  - $0.3M < L \leq 1.5M$  : +50mm/-0 mm
  - $1.5M < L \leq 3M$  : +100mm/-0 mm
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<b>RoHS COMPLIANT</b>	Unit : mm	PROJECTION	<b>JPC connectivity</b>	
	GENERAL TOLERANCES: (UNLESS SPECIFIED)			
	0 = ±.50	D.R. 07/16/2024	TITLE	PD./FILE NO.
	0.0 = ±.25	CH.K 07/16/2024	M12 A Code Cable Slide Female to Open	
0.00 = ±.15	APV.D 07/16/2024	SCALE	SIZE	PART NO.
0.000 = ±.05		-	A4	---
0' = ±.2'				REV. A1
0.0' = ± 1'				SHEET 1 OF 1

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CUSTOMER DRAWING

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
A1		First Release	George	Ray	07/16/2024
A2					
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P/N:  
A-MS12-XXC-FFMS-SS-7MXXX  
XX : No. Of Pin  
XXX (Length) : \_\_\_\_\_  
First X : A (0 meter) , B (1 Meter)  
XX :10 (100mm) , 20 (200mm)  
XXX :A10 (100mm) , B20 (1200mm)

Contacts	AWG	P/N
2	22	A-MS12-02C-FFMS-SS-7MXXX
3	22	A-MS12-03C-FFMS-SS-7MXXX
4	22	A-MS12-04C-FFMS-SS-7MXXX
5	22	A-MS12-05C-FFMS-SS-7MXXX
6	24	A-MS12-06C-FFMS-SS-7MXXX
8	24	A-MS12-08C-FFMS-SS-7MXXX
10	26	A-MS12-10C-FFMS-SS-7MXXX
12	26	A-MS12-12C-FFMS-SS-7MXXX
17	26	A-MS12-17C-FFMS-SS-7MXXX

<b>RoHS COMPLIANT</b>	Unit : mm	PROJECTION 	<b>JPC connectivity</b>	
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/16/2024		
	0 = ±.50 0.0 = ±.25 0.00 = ±.15 0.000 = ±.05 0' = ±.2' 0.0' = ±.1'	CH.K 07/16/2024	M12 A Code Cable Side Female to Open	
		APV.D 07/16/2024	SCALE SIZE PART NO.	REV. A1 SHEET 1 OF 1

1 2 3 4 5 6 7 8