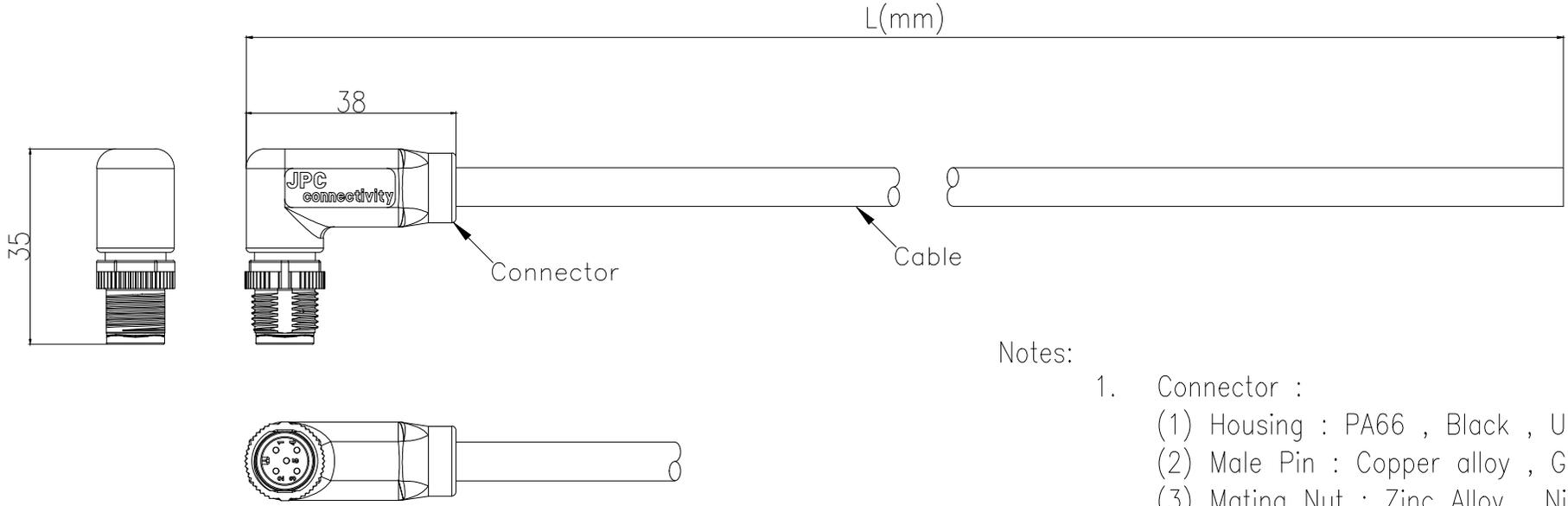


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CUSTOMER DRAWING

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

RoHS COMPLIANT	Unit : mm	PROJECTION 		JPC connectivity		PD./FILE NO.
	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	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
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F

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

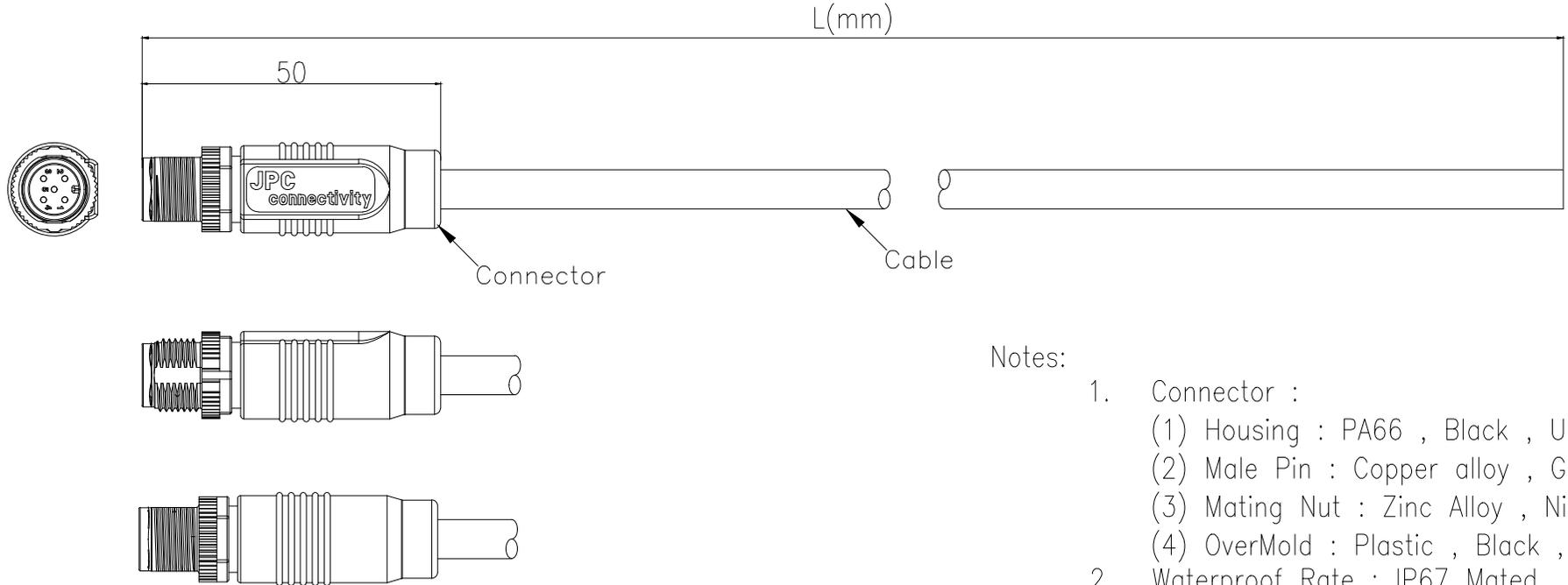
RoHS COMPLIANT	Unit : mm	PROJECTION 	JPC connectivity		
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/16/2024			TITLE M12 A Code Cable Slide Male 90° to Open
	0 = ±.50	CH.K 07/16/2024	SCALE	SIZE	PART NO.
	0.0 = ±.25 0.00 = ±.15 0.000 = ±.05 0' = ±.2' 0.0' = ±.1'	APV.D 07/16/2024	-	A4	---
				REV. A1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

1 2 3 4 5 6 7 8

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A2					
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Notes:

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	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 PART NO.	REV. A1
		- A4	---	SHEET 1 OF 1

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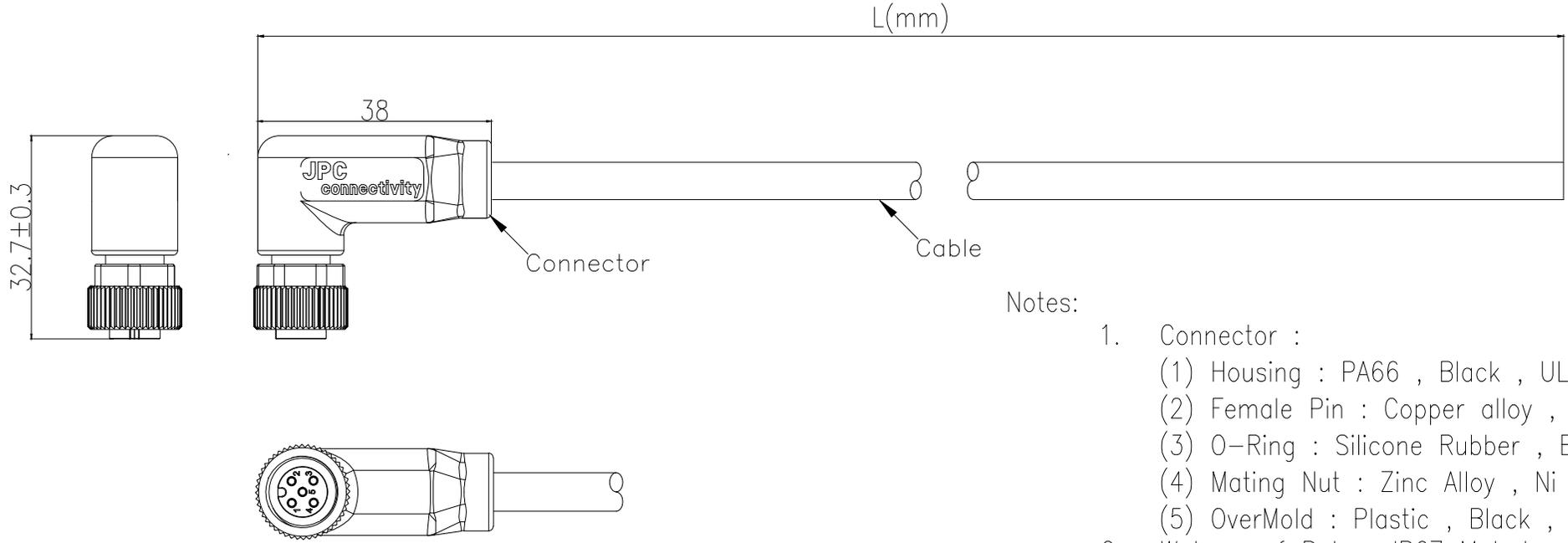
Contacts	AWG	P/N
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10	26	A-MS12-10C-MMMS-SS-7MXXX
12	26	A-MS12-12C-MMMS-SS-7MXXX
17	26	A-MS12-17C-MMMS-SS-7MXXX

RoHS COMPLIANT	Unit : mm	PROJECTION 	JPC connectivity	
	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 PART NO. 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
 - $3M < L \leq 7.5M$: +150mm/-0 mm
 - $L > 7.5M$: +5%mm/-0% mm

RoHS COMPLIANT	Unit : mm	PROJECTION	JPC connectivity		
	GENERAL TOLERANCES: (UNLESS SPECIFIED)				
	0 = ±.50	D.R. 07/16/2024	TITLE		REV. A1
	0.0 = ±.25	CH.K 07/16/2024	M12 A Code Cable Slide Female 90° to Open		
0.000 = ±.15	APV.D 07/16/2024	SCALE	SIZE	PART NO.	SHEET 1 OF 1
0' = ±.2'		-	A4	---	
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
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Conn.	2pin	3pin	4pin	5pin	6pin	8pin	10pin	12pin	17pin																																																																																																																																																																			
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P/N:
A-MS12-XXC-FFMS-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)

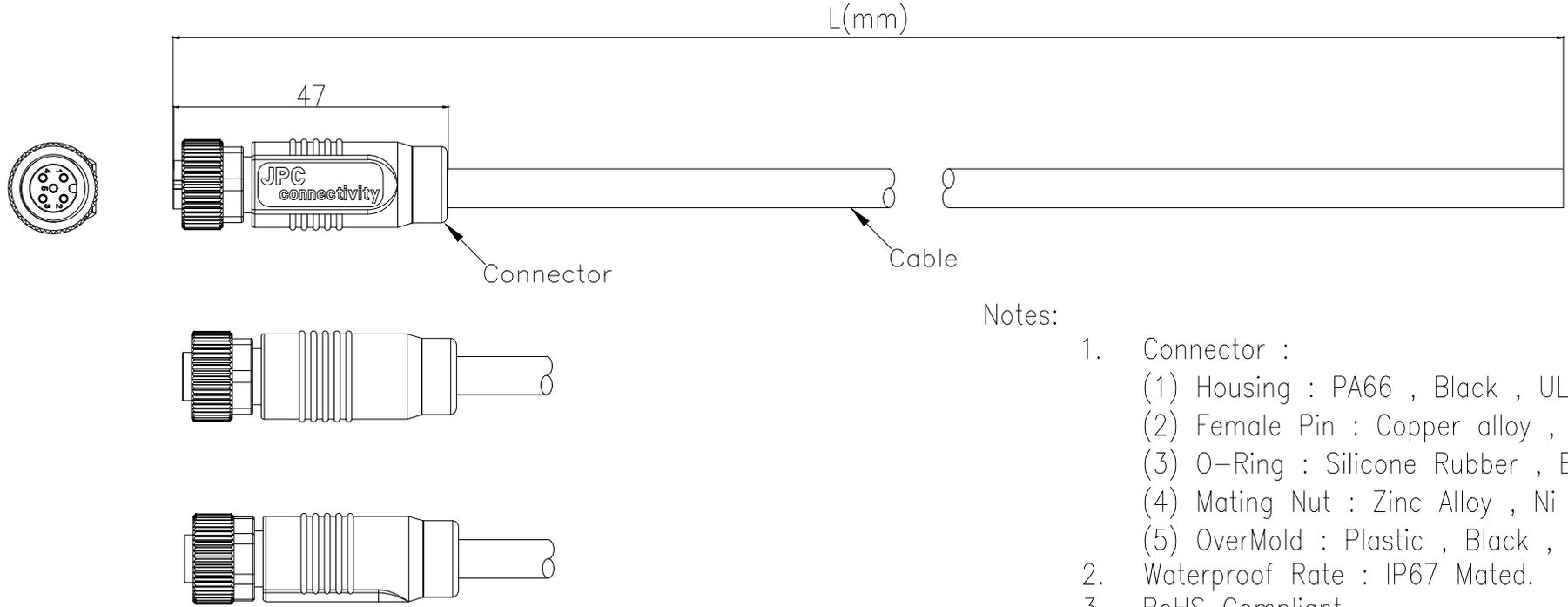
Contacts	AWG	P/N
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17	26	A-MS12-17C-FFMS-SR-7MXXX

RoHS COMPLIANT	Unit : mm	PROJECTION 	JPC connectivity		
	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 :
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RoHS COMPLIANT	Unit : mm	PROJECTION 		JPC connectivity		
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/16/2024	TITLE			PD./FILE NO.
	0 = ±.50	CH.K 07/16/2024	M12 A Code Cable Slide Female to Open			
	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
		-	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					
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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

RoHS COMPLIANT	Unit : mm	PROJECTION 	JPC connectivity	
	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