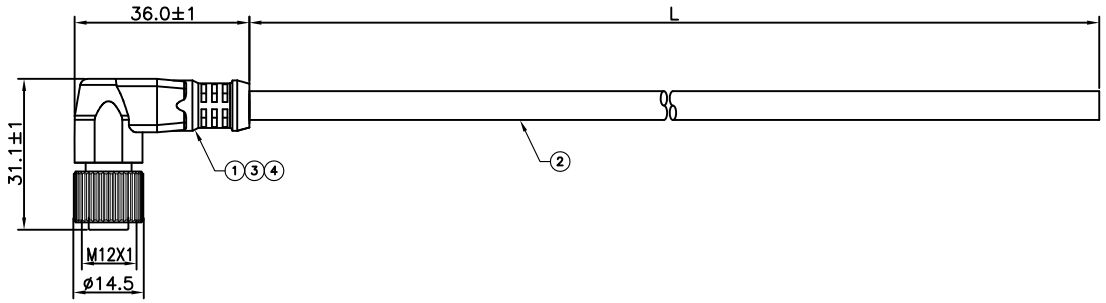
RoHS Compliant

Pin	A Coding	D Coding	Part No.	Cable Length	Cable Gauge
2Pin			M12-02SXRD0500	500±40	22AWG
			M12-02SXRD1000	1000±40	
			M12-02SXRD1500	1500±40	
			M12-02SXRD3000	3000±60	
3Pin			M12-03SXRD0500	500±40	22AWG
			M12-03SXRD1000	1000±40	
			M12-03SXRD1500	1500±40	
			M12-03SXRD3000	3000±60	
4Pin			M12-04SXRD0500	500±40	22AWG
			M12-04SXRD1000	1000±40	
			M12-04SXRD1500	1500±40	
			M12-04SXRD3000	3000±60	
5Pin			M12-05SXRD0500	500±40	22AWG
			M12-05SXRD1000	1000±40	
			M12-05SXRD1500	1500±40	
			M12-05SXRD3000	3000±60	
6Pin			M12-06SARD0500	500±40	24AWG
			M12-06SARD1000	1000±40	
			M12-06SARD1500	1500±40	
			M12-06SARD3000	3000±60	
7Pin			M12-07SARD0500	500±40	24AWG
			M12-07SARD1000	1000±40	
			M12-07SARD1500	1500±40	
			M12-07SARD3000	3000±60	
8Pin			M12-08SARD0500	500±40	24AWG
			M12-08SARD1000	1000±40	
			M12-08SARD1500	1500±40	
			M12-08SARD3000	3000±60	
9Pin			M12-09SARD0500	500±40	26AWG
			M12-09SARD1000	1000±40	
			M12-09SARD1500	1500±40	
			M12-09SARD3000	3000±60	
10Pin			M12-10SARD0500	500±40	26AWG
			M12-10SARD1000	1000±40	
			M12-10SARD1500	1500±40	
			M12-10SARD3000	3000±60	
11Pin			M12-11SARD0500	500±40	26AWG
			M12-11SARD1000	1000±40	
			M12-11SARD1500	1500±40	
			M12-11SARD3000	3000±60	
12Pin			M12-12SARD0500	500±40	26AWG
			M12-12SARD1000	1000±40	
			M12-12SARD1500	1500±40	
			M12-12SARD3000	3000±60	




A Coding


D Coding

Specifications:
Standard:IEC 61076-2-101
Current Rating:4A(2~5P);2A(6~8P);1.5A(9~12P)AC/DC
Voltage Rating:250V(2~4P);60V(5P);30V(6~12P)AC/DC
Contact Resistance:5ohm Max.
Insulation Resistance:10M ohm Min., DC 450V
Operating Temperature:-40°C~80°C
IP Rating: IP67 in Locked Condition
M12-XXSXRDXXXX
- Cable Length
- Right Angle
- A:A Coding D:D Coding
- S:Socket
- No.of Contacts

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M12-XXS-A/D-MM	M12 SOCKET SOLDER TYPE	1
2	Cable	UL20549 XXC TPU JACKET HALOGEN FREE COLOR:BLACK	A/R
3	827-TPU-BK	TPU OUTER MOLDING COLOR:BLACK	A/R
4	827-PVC-35P-BK	PVC INNER MOLDING COLOR:BLACK	A/R

REV	DATE	FILE	BY
F			
E			
D			
C			
B			
A	30-Jun-2022		Andrew

DRAWN: Andrew

CHECKED: Bill He

APPROVAL: Bill He

GENERAL TOLERANCE:
.X=±0.50
.XX=±0.30

UNIT: MM

SCALE: 1:1

SHEET: 1/3

PROJECTION:

ON-SHORE TECHNOLOGY, INC.

DESCRIPTION: M12 SOCKET OVER-MOULDING CABLES R/A TYPE

PART NO: M12-XXSXRDXXXX

RoHS Compliant

	A Coding	D Coding
2Pin		
3Pin		
4Pin		
5Pin		
6Pin		
7Pin		
8Pin		

2P PIN OUT:

P1	
1	Black
3	Red

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M12-02S-A/D-MM	M12 2PIN SOCKET SOLDER TYPE	1
2	810D-22W2CWXXHFBK	UL20549 22AWGX2C TPU JACKET HALOGEN FREE OD:XX COLOR:BLACK	A/R
3	827-TPU-BK	TPU OUTER MOLDING COLOR:BLACK	A/R
4	827-PVC-35P-BK	PVC INNER MOLDING COLOR:BLACK	A/R

3P PIN OUT:

P1	
1	Black
3	Red
4	Yellow

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M12-03S-A/D-MM	M12 3PIN SOCKET SOLDER TYPE	1
2	810D-22W3CW4.2HFBK	UL20549 22AWGX3C TPU JACKET HALOGEN FREE OD:4.2 COLOR:BLACK	A/R
3	827-TPU-BK	TPU OUTER MOLDING COLOR:BLACK	A/R
4	827-PVC-35P-BK	PVC INNER MOLDING COLOR:BLACK	A/R

4P PIN OUT:

P1	
1	Black
2	Brown
3	Blue
4	Green

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M12-04S-A/D-MM	M12 4PIN SOCKET SOLDER TYPE	1
2	810D-22W4CW4.6HFBK	UL20549 22AWGX4C TPU JACKET HALOGEN FREE OD:4.6 COLOR:BLACK	A/R
3	827-TPU-BK	TPU OUTER MOLDING COLOR:BLACK	A/R
4	827-PVC-35P-BK	PVC INNER MOLDING COLOR:BLACK	A/R

5P PIN OUT:

P1	
1	Black
2	Red
3	Green
4	Yellow
5	White

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M12-05S-A/D-MM	M12 5PIN SOCKET SOLDER TYPE	1
2	810D-22W5CW5.0HFBK	UL20549 22AWGX5C TPU JACKET HALOGEN FREE OD:5.0 COLOR:BLACK	A/R
3	827-TPU-BK	TPU OUTER MOLDING COLOR:BLACK	A/R
4	827-PVC-35P-BK	PVC INNER MOLDING COLOR:BLACK	A/R

6P PIN OUT:

P1	
1	Black
2	Brown
3	Red
4	Yellow
5	Green
6	Blue

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M12-06S-A-MM	M12 6PIN SOCKET SOLDER TYPE	1
2	810D-24W6CW5.0HFBK	UL20549 24AWGX6C TPU JACKET HALOGEN FREE OD:5.0 COLOR:BLACK	A/R
3	827-TPU-BK	TPU OUTER MOLDING COLOR:BLACK	A/R
4	827-PVC-35P-BK	PVC INNER MOLDING COLOR:BLACK	A/R

7P PIN OUT:

P1	
1	Black
2	Brown
3	Red
4	Yellow
5	Green
6	Blue
7	Gray

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M12-07S-A-MM	M12 7PIN SOCKET SOLDER TYPE	1
2	810D-24W7CWXXHFBK	UL20549 24AWGX7C TPU JACKET HALOGEN FREE OD:XX COLOR:BLACK	A/R
3	827-TPU-BK	TPU OUTER MOLDING COLOR:BLACK	A/R
4	827-PVC-35P-BK	PVC INNER MOLDING COLOR:BLACK	A/R

8P PIN OUT:

P1	
1	Black
2	Brown
3	Red
4	Yellow
5	Green
6	Blue
7	Gray
8	White

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M12-08S-A-MM	M12 8PIN SOCKET SOLDER TYPE	1
2	810D-24W8CW5.4HFBK	UL20549 24AWGX8C TPU JACKET HALOGEN FREE OD:5.4 COLOR:BLACK	A/R
3	827-TPU-BK	TPU OUTER MOLDING COLOR:BLACK	A/R
4	827-PVC-35P-BK	PVC INNER MOLDING COLOR:BLACK	A/R

REV	DATE	FILE	BY
F			
E			
D			
C			
B			
A	30-Jun-2022		Andrew

DRAWN: Andrew

CHECKED: Bill He

APPROVAL: Bill He

GENERAL TOLERANCE:
.X=±0.50
.XX=±0.30

UNIT: MM

SCALE: 1:1

SHEET: 2/3

PROJECTION:

ON-SHORE TECHNOLOGY, INC.

DESCRIPTION: M12 SOCKET OVER-MOULDING CABLES R/A TYPE

PART NO: M12-XXSXRDXXXX

RoHS Compliant

A Coding

9Pin



9P PIN OUT:

P1

1	Black
2	Brown
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Purple
9	Gray

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M12-09S-A-MM	M12 9PIN SOCKET SOLDER TYPE	1
2	810D-26W9CWXXHFBK	UL20549 26AWGX9C TPU JACKET HALOGEN FREE OD:XX COLOR:BLACK	A/R
3	827-TPU-BK	TPU OUTER MOLDING COLOR:BLACK	A/R
4	827-PVC-35P-BK	PVC INNER MOLDING COLOR:BLACK	A/R

10Pin



10P PIN OUT:

P1

1	Black
2	Brown
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Purple
9	Gray
10	White

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M12-10S-A-MM	M12 10PIN SOCKET SOLDER TYPE	1
2	810D-26W10CWXXHFBK	UL20549 26AWGX10C TPU JACKET HALOGEN FREE OD:XX COLOR:BLACK	A/R
3	827-TPU-BK	TPU OUTER MOLDING COLOR:BLACK	A/R
4	827-PVC-35P-BK	PVC INNER MOLDING COLOR:BLACK	A/R

11Pin



11P PIN OUT:

P1

1	Black
2	Brown
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Purple
9	Gray
10	White
11	Pink

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M12-11S-A-MM	M12 11PIN SOCKET SOLDER TYPE	1
2	810D-26W11CWXXHFBK	UL20549 26AWGX11C TPU JACKET HALOGEN FREE OD:XX COLOR:BLACK	A/R
3	827-TPU-BK	TPU OUTER MOLDING COLOR:BLACK	A/R
4	827-PVC-35P-BK	PVC INNER MOLDING COLOR:BLACK	A/R

12Pin



12P PIN OUT:

P1

1	Black
2	Brown
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Purple
9	Gray
10	White
11	Pink
12	Light green

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M12-12S-A-MM	M12 12PIN SOCKET SOLDER TYPE	1
2	810D-26W12CW5.8HFBK	UL20549 26AWGX12C TPU JACKET HALOGEN FREE OD:5.8 COLOR:BLACK	A/R
3	827-TPU-BK	TPU OUTER MOLDING COLOR:BLACK	A/R
4	827-PVC-35P-BK	PVC INNER MOLDING COLOR:BLACK	A/R

REV	DATE	FILE	BY
F			
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A	30-Jun-2022		Andrew

DRAWN: Andrew

CHECKED: Bill He

APPROVAL: Bill He

GENERAL TOLERANCE:
.X=±0.50
.XX=±0.30

UNIT: MM

SCALE: 1:1

SHEET: 3/3

PROJECTION:

ON-SHORE TECHNOLOGY, INC.

DESCRIPTION: M12 SOCKET OVER-MOULDING CABLES R/A TYPE

PART NO: M12-XXSXRDXXXX