


Specifications:
 Standard: IEC 61076-2-104
 Current Rating: 3A(2~5PIN); 1A(6~8PIN)
 Voltage Rating: 60V(2~3PIN); 30V(4~8PIN)
 Contact Resistance: 5 ohm Max.
 Insulation Resistance: 10M ohm Min. DC 450V
 Operating Temperature Range: -40°C ~ +80°C
 IP Rating: IP67 in Locked Condition
 M08-XXSXRDXXX

— Cable Length
 — R/A
 — A:A Coding B:B Coding
 — S:Socket
 — No.of Contacts

Pin	A Coding	B Coding	Part No.	Cable Length	Cable Gauge
2Pin	① ③		M08-02SARD0500	500±40	24AWG
			M08-02SARD1000	1000±40	
			M08-02SARD1500	1500±40	
			M08-02SARD3000	3000±60	
3Pin	① ③ ④		M08-03SARD0500	500±40	24AWG
			M08-03SARD1000	1000±40	
			M08-03SARD1500	1500±40	
			M08-03SARD3000	3000±60	
4Pin	① ③ ② ④		M08-04SARD0500	500±40	24AWG
			M08-04SARD1000	1000±40	
			M08-04SARD1500	1500±40	
			M08-04SARD3000	3000±60	
5Pin	① ⑤ ③ ② ④		M08-05SBRD0500	500±40	24AWG
			M08-05SBRD1000	1000±40	
			M08-05SBRD1500	1500±40	
			M08-05SBRD3000	3000±60	
6Pin	① ② ⑤ ⑥ ③ ④		M08-06SARD0500	500±40	26AWG
			M08-06SARD1000	1000±40	
			M08-06SARD1500	1500±40	
			M08-06SARD3000	3000±60	
8Pin	① ② ⑦ ⑧ ⑤ ⑥ ③ ④		M08-08SARD0500	500±40	26AWG
			M08-08SARD1000	1000±40	
			M08-08SARD1500	1500±40	
			M08-08SARD3000	3000±60	

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M08-XXS-A/B-MM	M8 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

F				DRAWN:	GENERAL TOLERANCE:	 ON-SHORE TECHNOLOGY, INC.
E			Andrew	.X=±0.50 .XX=±0.30		
D			CHECKED:	UNIT: MM	DESCRIPTION:	
C			Bill He	SCALE: 1:1	M8 SOCKET OVER-MOULDING CABLES R/A TYPE	
B			APPROVAL:	SHEET: 1/2	PART NO:	
A	30-Jun-2022		Andrew	PROJECTION:	M08-XXSXRDXXX	
REV	DATE	FILE	BY			

RoHS Compliant

A Coding B Coding

2Pin



2P PIN OUT:

P1	
1	Black
3	Brown

3Pin



3P PIN OUT:

P1	
1	Black
2	Red
3	Yellow

4Pin



4P PIN OUT:

P1	
1	Black
2	Brown
3	Blue
4	Green

5Pin



5P PIN OUT:

P1	
1	Black
2	Red
3	Green
4	Yellow
5	White

6Pin



6P PIN OUT:

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

8Pin



8P PIN OUT:

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

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M08-02S-A-MM	M8 SOCKET SOLDER TYPE	1
2	810D-24W2CWXXHFBK	UL20549 24AWGX2C 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

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M08-03S-A-MM	M8 SOCKET SOLDER TYPE	1
2	810D-24W3CW3.9HFBK	UL20549 24AWGX3C TPU JACKET HALOGEN FREE OD:3.9 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

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M08-04S-A-MM	M8 SOCKET SOLDER TYPE	1
2	810D-24W4CW4.2HFBK	UL20549 24AWGX4C 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

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M08-05S-B-MM	M8 SOCKET SOLDER TYPE	1
2	810D-24W5CW4.6HFBK	UL20549 24AWGX5C 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

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M08-06S-B-MM	M8 SOCKET SOLDER TYPE	1
2	810D-26W6CW4.5HFBK	UL20549 26AWGX6C TPU JACKET HALOGEN FREE OD:4.5 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

ITEM	PART NO.	DESCRIPTION	Q'TY
1	M08-08S-A-MM	M8 SOCKET SOLDER TYPE	1
2	810D-26W8CW4.9HFBK	UL20549 26AWGX8C TPU JACKET HALOGEN FREE OD:4.9 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

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

DRAWN:	Andrew
CHECKED:	Bill He
APPROVAL:	Bill He

GENERAL TOLERANCE:
.X=±0.50
.XX=±0.30

UNIT: MM
SCALE: 1:1
SHEET: 2/2
PROJECTION:

OST
ON-SHORE TECHNOLOGY, INC.

DESCRIPTION:
M8 SOCKET OVER-MOULDING CABLES R/A TYPE

PART NO:
M08-XXSXRDXXXX

A

B

C

D