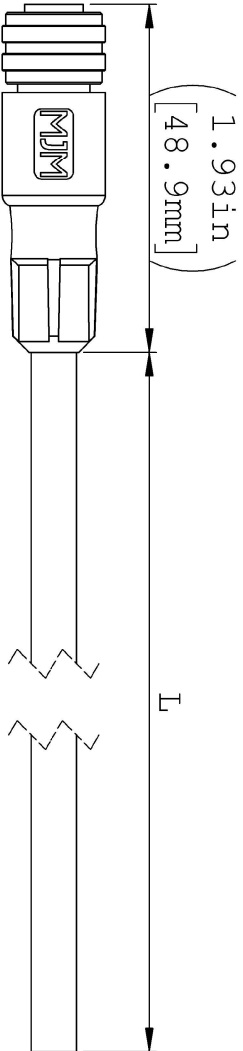


| Assembly Specifications |                 |
|-------------------------|-----------------|
| Temp Rating             | -20 to 80 C     |
| Max Voltage             | 60V             |
| Max Current             | 4A              |
| IP Protection           | IP 67           |
| Length (L)              | 1.97in / 5004mm |
| Tolerance               | +4.0in -4.0in   |

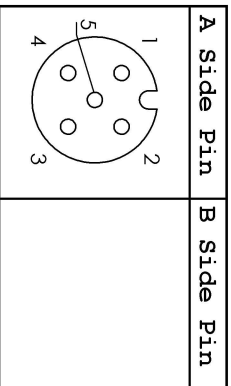
| Wiring Schematic |                 |         |
|------------------|-----------------|---------|
| A Pin #          | Conductor Color | B Pin # |
| 1                | Black           | 1       |
| 2                | Red             | 2       |
| 3                | Blue            | 3       |
| 4                | Orange          | 4       |
| 5                | Yellow          | 5       |
| 6                |                 | 6       |
| 7                |                 | 7       |
| 8                |                 | 8       |
|                  | Shield          | Shield  |

| Cable Specifications |                |
|----------------------|----------------|
| Cable Jacket         | PVC            |
| Cable OD             | 0.20in / 5.0mm |
| No. /Gauge           | M46A-522       |
| Conductor Jacket     | PVC            |
| Shielding            | No             |

### A SIDE



### B SIDE



### Notes

- 1) Connector pin view is from front of connector
- 2) Not for interrupting current
- 3) Some options and features may not be shown
- 4) Additional technical details available upon request; Consult Factory
- 5) Dimension in parentheses are for reference only



Date Gen: 4/18/24

| REV | BY  | DATE     | DESCRIPTION        |
|-----|-----|----------|--------------------|
| 0   | MMG | 01/04/22 | Initial Release    |
| 1   | MMG | 03/16/22 | Production Release |

Tolerance Unless Otherwise Specified  
 0.00 = +/- 0.13  
 0.000 = +/- 0.050  
 ANGLES = +/- 5  
 Secondary Unit for Reference Only



1200 East St, Fairport, OHIO 44077  
 PH: (440) 350-1230 [www.mjmindustries.com](http://www.mjmindustries.com)  
 Part Number:  
**M12A05F1-0197A-X01**  
 Description:  
 M12 A Coded 5 Position Female Straight to Blunt Cut with 197in of PVC Cable