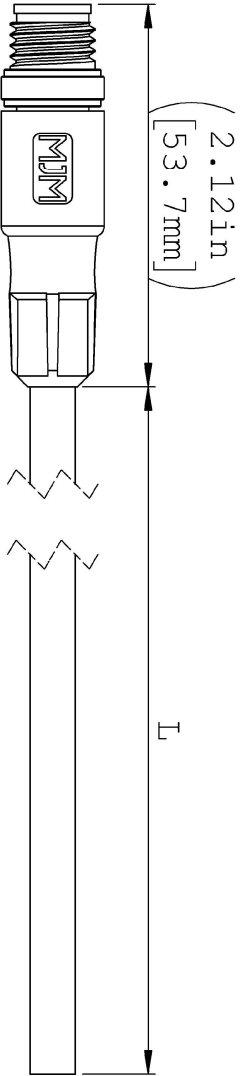


| Assembly Specifications |                |
|-------------------------|----------------|
| Temp Rating             | -20 to 80 C    |
| Max Voltage             | 30V            |
| Max Current             | 2A             |
| IP Protection           | IP 67          |
| Length (L)              | 197in / 5004mm |
| Tolerance               | +4.0in -4.0in  |

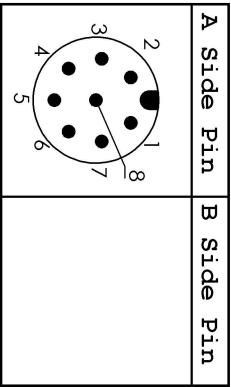
| Wiring Schematic |                 |         |
|------------------|-----------------|---------|
| A Pin #          | Conductor Color | B Pin # |
| 1                | Black           | 1       |
| 2                | Red             | 2       |
| 3                | Blue            | 3       |
| 4   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

| Cable Specifications |                |
|----------------------|----------------|
| Cable Jacket         | PUR            |
| Cable OD             | 0.22in / 5.5mm |
| No./Gauge            | M46C-824       |
| 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        | Tolerance Unless<br>Otherwise Specified |
|-----|-----|----------|--------------------|-----------------------------------------|
| 0   | MMG | 01/04/22 | Initial Release    | 0.00 = +/- 0.13                         |
| 1   | MMG | 03/16/22 | Production Release | 0.000 = +/- 0.050                       |
|     |     |          |                    | ANGLES = +/- 5                          |
|     |     |          |                    | Secondary Unit 50t                      |
|     |     |          |                    | Reference Only                          |

**MM Industries**

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Part Number:

**M12A08M1-0197C-X01**

Description:

M12 A Coded 8 Position Male Straight to Blunt Cut  
with 197in of PUR Cable