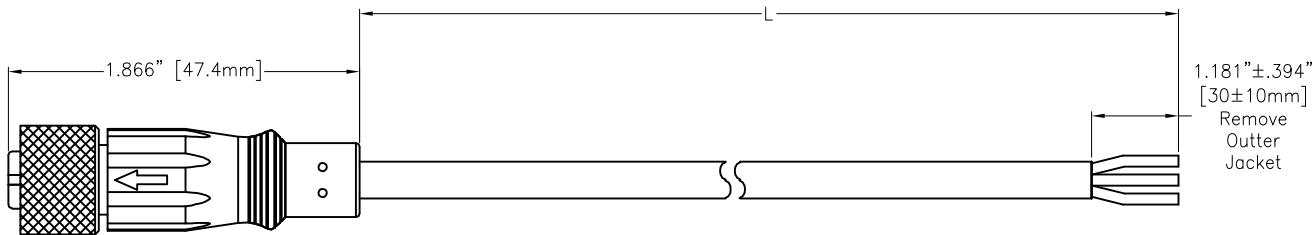


APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

| Rev | AWO # | Description     | Date   | Appr  |
|-----|-------|-----------------|--------|-------|
| -   |       | RELEASED        | 6/1/16 |       |
| A   |       | ADDED P/N       | 8/5/16 | AY/CH |
| B   |       | UPDATED DRAWING | 9/5/17 | HR/CK |
| C   |       | UPDATED DRAWING | 3/8/19 | AY/CK |
| D   |       | UPDATED DRAWING | 5/7/19 | AY/AC |
| E   |       | UPDATE SPEC.    | 7/5/19 | LH/RC |

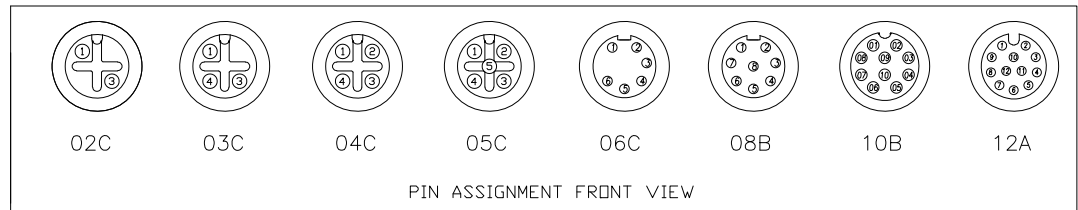


SD-PMAXXX-FFTBL-CXX-XFT  
 7=IP67 A=UL2464  
 8=IP68

|            |                      |
|------------|----------------------|
| 01 • White | 01 • Brown           |
| 02 • Green | 02 • Red             |
| 03 • Blue  | 03 • Yellow          |
| 04 • Brown | 04 • Green           |
| 05 • Black | 05 • Blue            |
|            | 06 • Purple $\Delta$ |
|            | 07 • Black           |
|            | 08 • White           |
| CONN 1     | CONN 1               |
| OPEN       | OPEN                 |

PIN ASSIGNMENTS 2P~5P      PIN ASSIGNMENTS 6P~8P

| PART NO.                   | L                          |
|----------------------------|----------------------------|
| SD-PMAXXX-FFTBL-CXX-3FT    | 36"±1.80" [914.4±45.72mm]  |
| SD-PMAXXX-FFTBL-CXX-6FT    | 72"±3.60" [1828.8±91.44mm] |
| SD-PMAXXX-FFTBL-CXX-10FT   | 120"±6.00" [3048±152.4mm]  |
| SD-PMAXXX-FFTBL-CXX-16.5FT | 196.85"±9.84" [5000±250mm] |



|  |
|--|
| CONTACT : BRASS ; GOLD PLATED.                                   |
| NUT : BRASS ; NICKEL PLATED.                                     |
| UL2464 CABLE 2PIN~5PIN 24AWG ; 6PIN~8PIN 26AWG(2A 300V) $\Delta$ |
| OVERMOLD : PVC ; COLOR : BLACK                                   |
| M12 CONN   |
| DESCRIPTION  |

SPECIFICATIONS:  
 Electrical:  
 Current rating: XXA=1.5A, XXB=2A, XXC=5A  
 Dielectric withstanding voltage: 500 VAC for 1 minute  
 Temperature Rating:  
 Operating temperature: -25°C to +85°C  
 Environmental:  
 Lead free, RoHS compliant.



|   |             |        |
|---|-------------|--------|
| UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS ARE INCHES [MM]<br>TOLERANCES: EXCEPT AS NOTED<br>INCHES HOLES |             |        |
| .X ±.10   | Ø.X ±.10    |        |
| .XX ±.020   | Ø.XX ±.015  |        |
| .XXX ±.015  | Ø.XXX ±.010 |        |
| APPROVALS   |             | DATE   |
| DRAWN   | HR          | 6/1/16 |
| CHECKED   | CK          | 6/1/16 |
| APPROVED  |             |        |

**ADAM TECH INTERCONNECTS**  
 909 Rahway Avenue,  
 Union, NJ 07083  
 Phone: 908-687-5000  
 Fax: 908-687-5710

|  |                                     |              |
|--|-------------------------------------|--------------|
| TITLE<br>WATERPROOF CONNECTOR, FEMALE, M12<br>ASSEMBLY CABLE, STRAIGHT |                                     |              |
| SIZE<br>X  | PART NO.<br>SD-PMAXXX-FFTBL-CXX-XFT | REV.<br>E    |
| REF: S00298T   | SCALE: NTS                          | SHEET 1 OF 1 |

6

5

4

3

2

1

D

D

C

C

B

B

A

A

6

5

4

3

2

1