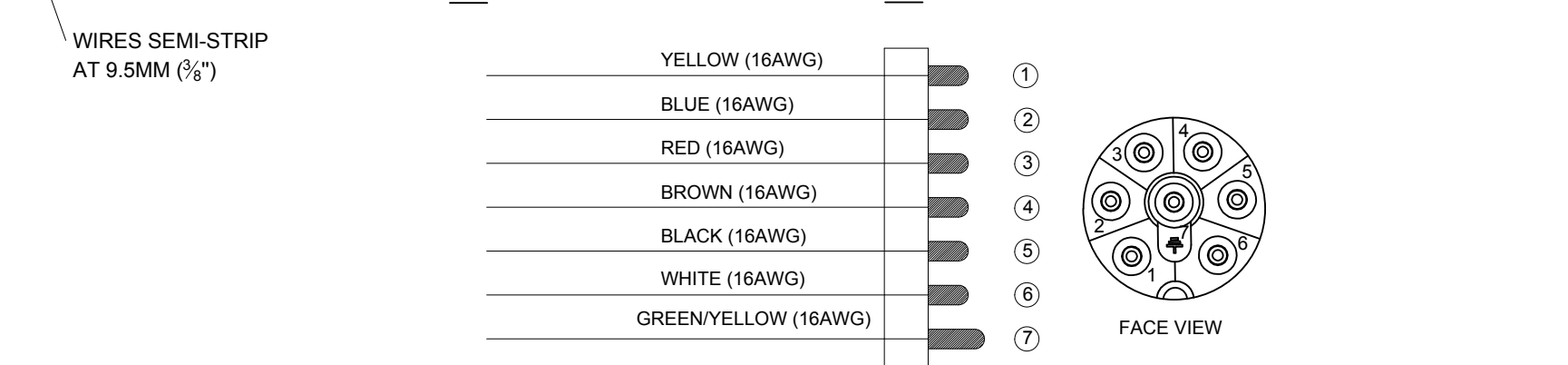
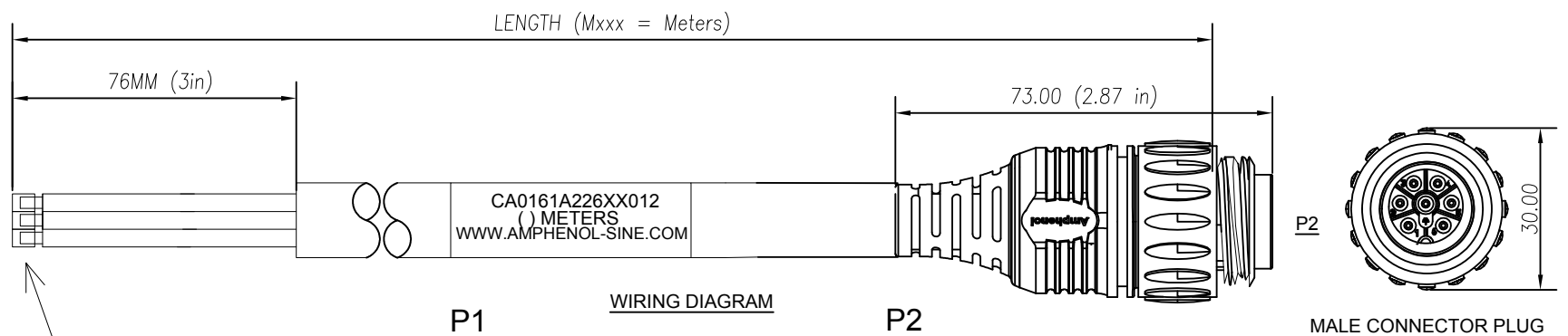


| Part Number     | Length (Meters) |
|-----------------|-----------------|
| CA0161A22601012 | 1 (3.28 FEET)   |
| CA0161A22602012 | 2 (6.56 FEET)   |
| CA0161A22603012 | 3 (9.84 FEET)   |
| CA0161A22605012 | 5 (16.40 FEET)  |
| CA0161A22607012 | 7 (22.96 FEET)  |
| CA0161A22610012 | 10 (32.80 FEET) |
| CA0161A22613012 | 13 (42.65 FEET) |
| CA0161A22615012 | 15 (49.21 FEET) |

| REVISIONS | REV | ZONE | ECO | DESCRIPTION                  | DATE         | BY | CHK | APPR |
|-----------|-----|------|-----|------------------------------|--------------|----|-----|------|
|           | A1  | -    | -   | TECHNICAL DATA SHEET RELEASE | 14-JULY-2017 | RO | -   | -    |



**TECHNICAL DATA:**

1) MATERIALS:  
 COUPLING NUT: NYLON PA 6.6  
 INSULATION INSERT: NYLON PA 6.6, UL 94/V-0  
 CONTACT: SILVER PLATED  
 OVERMOLD MATERIAL: THERMOPLASTIC COLOR: BLACK  
 CABLE RATING: UL LISTED: TC-ER PER UL 1277, MTW PER UL 1063, WTTC PER UL 2277, SUMERSIBLE  
 PUMP ATTRIBUTES LISTED: UL OIL RES I/II, 75°C WET; 90°C DRY, SUNLIGHT RESISTANT, DIRECT BURIAL, NFPA 79 2015  
 CABLE JACKET MATERIAL: PVC COLOR: BLACK  
 CONDUCTOR INSULATION: PVC  
 NUMBER OF CONDUCTORS: (7) 16AWG

2) ELECTRICAL DATA:  
 CURRENT (MAX): 13A  
 VOLTAGE (MAX): 250V AC/DC  
 INSULATION RESISTANCE (MIN): 100M OHMS  
 RATED IMPULSE WITHSTAND VOLTAGE: 6000V

3) MECHANICAL DATA:  
 TEMPERATURE RANGE: -40°C TO +100°C  
 PROTECTION: IP68 (MATED CONDITION)  
 MATING CYCLES: >500

4) RoHS COMPLIANT

| TOLERANCE                  |                             |
|----------------------------|-----------------------------|
| 0-2.99 M = +100.0/-25.0mm  | 0-9.99 FT = +4" / -1"       |
| 3-8.99 M = +150.0/-25.0mm  | 10.00-29.99 FT = +6" / -1"  |
| 9-14.99 M = +300.0/-25.0mm | 30.00-49.99 FT = +12" / -1" |
| 15-OVER M = +450.0/-25.0mm | 50 FT-OVER = +18" / -1"     |



| QUANTITY   | PART NUMBER | DESCRIPTION | ITEM                    |
|--|-------------|-------------|-------------------------|
| <b>MATERIALS LIST</b>  |             |             |                         |
| <b>Amphenol</b>  |             |             |                         |
| Sine Systems - www.sineco.com<br>44724 Morley Drive<br>Clinton Township, MI 48036  |             |             |                         |
| ECOMATE 7 POS CIRCULAR MOLDED, STD, STRAIN RELIEF, MALE TO LEADS, 16AWG  |             |             |                         |
| UNLESS OTHERWISE SPECIFIED:<br>1) All dimensions are in metric(mm).<br>2) Tolerances are as follows:<br>1 PL DEC ±0.30<br>2 PL DEC ±0.15<br>3 PL DEC ±0.08<br>3) Note reference =  |             | SIGNATURES  | DATE                    |
| DRAWN: KJM   |             | KJM         | 12-MAY-14               |
| CHECKED: MRF   |             | MRF         | 12-MAY-14               |
| ENGINEER: KJM  |             | KJM         |                         |
| APPROVAL: RFC  |             | RFC         | 12-MAY-14               |
| MATERIAL SPECIFICATIONS:   |             |             |                         |
| PROCESS SPECIFICATIONS:  |             |             |                         |
| NEXT ASSY:   |             |             |                         |
| THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. |             | SIZE: C-    | DWG NO: CA0161A226XX012 |
| REVISION: A1   |             | SCALE: HALF | SHEET 1 OF 1            |

ITEM: M161A226XX012  
 SHEET: 1 OF 1  
 REV: C1  
 DATE: 12-MAY-14