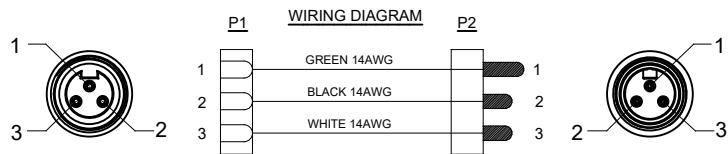
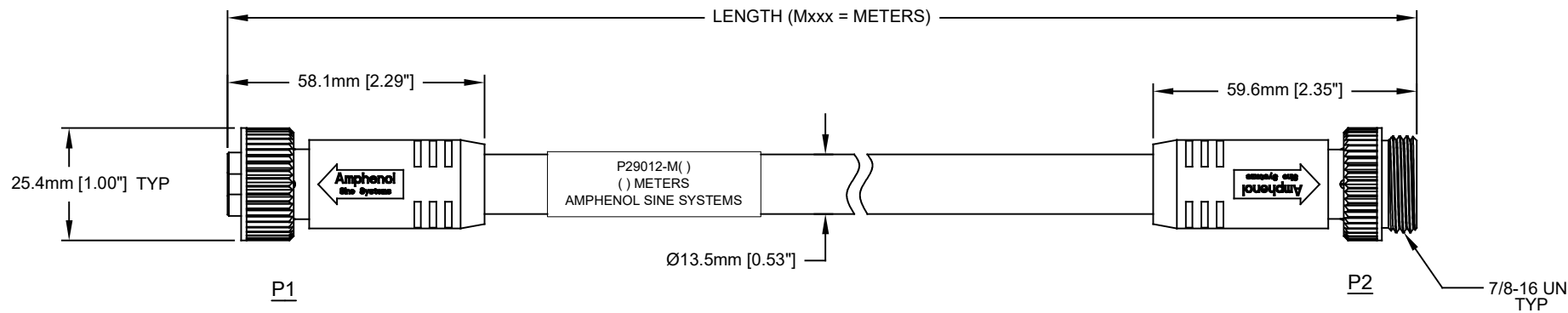


| REVISIONS |     |                              |           |     |      |
|-----------|-----|------------------------------|-----------|-----|------|
| REV       | ECO | DESCRIPTION                  | DATE      | BY  | APPR |
| A1        | -   | TECHNICAL DATA SHEET RELEASE | 12-MAY-14 | KMM | RFC  |



| Amphenol P/N | MOLEX         | TURCK         |
|--------------|---------------|---------------|
| P29012-M*    | 113030A46M*   | RSMRKM34-*M   |
| P29012-M1    | 113030A46M010 | RSMRKM34-010M |
| P29012-M2    | 113030A46M020 | RSMRKM34-020M |
| P29012-M3    | 113030A46M030 | RSMRKM34-030M |
| P29012-M5    | 113030A46M050 | RSMRKM34-050M |
| P29012-M10   | 113030A46M100 | RSMRKM34-100M |

| 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"     |

| PART NUMBER                                                                                                                                                                                                                                                                                                                            |  | DESCRIPTION                                                                                                                                                                                                                                                          |                 | ITEM                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QUANTITY                                                                                                                                                                                                                                                                                                                               |  | MATERIALS LIST                                                                                                                                                                                                                                                       |                 |                                                                                                                                                                                                                                                     |
| UNLESS OTHERWISE SPECIFIED<br>1) All dimensions are in metric (mm).<br>2) Tolerances are as follows:<br>1 PL DEC $\pm 0.30$<br>2 PL DEC $\pm 0.15$<br>3 PL DEC $\pm 0.08$<br>Fractions $\pm 1/64$<br>Angles $\pm 1^\circ$<br>3) Note reference =  |  | SIGNATURES                                                                                                                                                                                                                                                           |                 | DATE                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                        |  | DRAWN: KMM                                                                                                                                                                                                                                                           |                 | 12-MAY-14                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                        |  | CHECKED: MRF                                                                                                                                                                                                                                                         |                 | 12-MAY-14                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                        |  | ENGINEER: KMM                                                                                                                                                                                                                                                        |                 |                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                        |  | APPROVAL: RFC                                                                                                                                                                                                                                                        |                 | 12-MAY-14                                                                                                                                                                                                                                           |
| MATERIAL SPECIFICATIONS:                                                                                                                                                                                                                                                                                                               |  | CUSTOMER:                                                                                                                                                                                                                                                            |                 | <div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a><br/>44724 Morley Drive<br/>Clinton Township, MI 48036</div> <div>M22 POWERBOSS LITE, 3 PIN, M/F,<br/>14 AWG, TC-ER/STOOW, PVC JACKET</div> |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                                                                                                                                                |  | 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. |                 |                                                                                                                                                                                                                                                     |
| NEXT ASSY:                                                                                                                                                                                                                                                                                                                             |  | SIZE: C-                                                                                                                                                                                                                                                             | TYPE: FULL      |                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                        |  | DWG NO: P29012-Mxxx                                                                                                                                                                                                                                                  | SCALE: C-P29012 |                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                        |  | SHEET 1 OF 1                                                                                                                                                                                                                                                         |                 | REVISION: A1                                                                                                                                                                                                                                        |

TECHNICAL DATA:

- 1) MATERIALS:**  
COUPLING NUT: MACHINED ALUMINUM, ANODIZED  
INSULATION INSERT: THERMOPLASTIC, UL 94/V-0  
CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY  
OVERMOLD MATERIAL: THERMOPLASTIC COLOR: BLACK  
CABLE RATING: UL LISTED DUAL RATED TC-ER/STOOW,  
CSA TYPE STOOW, FT4 FLAME RATING, 600V,  
90°C DRY & 75°C WET (TC-ER), 105°C (STOOW)  
CABLE JACKET MATERIAL: PVC COLOR: BLACK  
CONDUCTOR INSULATION: PVC  
NUMBER OF CONDUCTORS: (3) 14AWG
- 2) ELECTRICAL DATA:**  
CURRENT (MAX): 15A  
VOLTAGE (MAX): 600V AC/DC  
INSULATION RESISTANCE (MIN): 5000M OHMS  
DIELECTRIC TEST VOLTAGE: 2200V
- 3) MECHANICAL DATA:**  
TEMPERATURE RANGE: -40°C TO 90°C  
PROTECTION: IP67 (MATED CONDITION)  
MATING CYCLES: >500  
VIBRATION RESISTANCE PER MIL-STD-202 METHOD 204  
THERMAL SHOCK PER MIL-STD-202 METHOD 207  
48 HOUR SALT SPRAY PER MIL-STD-202 METHOD 101
- 4) RoHS COMPLIANT**
- 5) UL 2237 LISTED ASSEMBLY**  
UL FILE NUMBERS: E339703