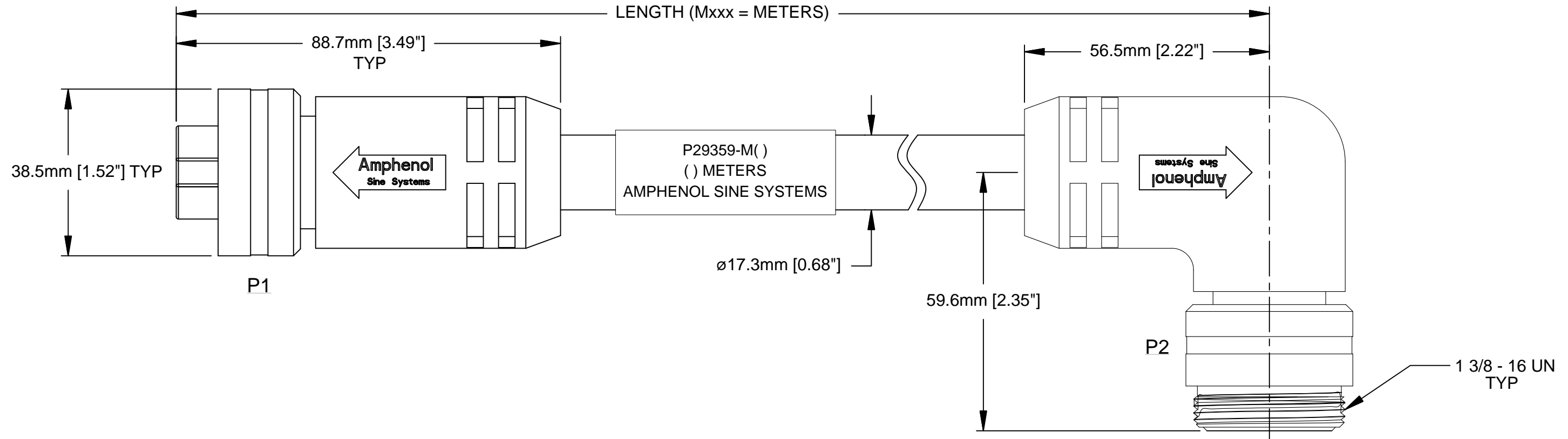
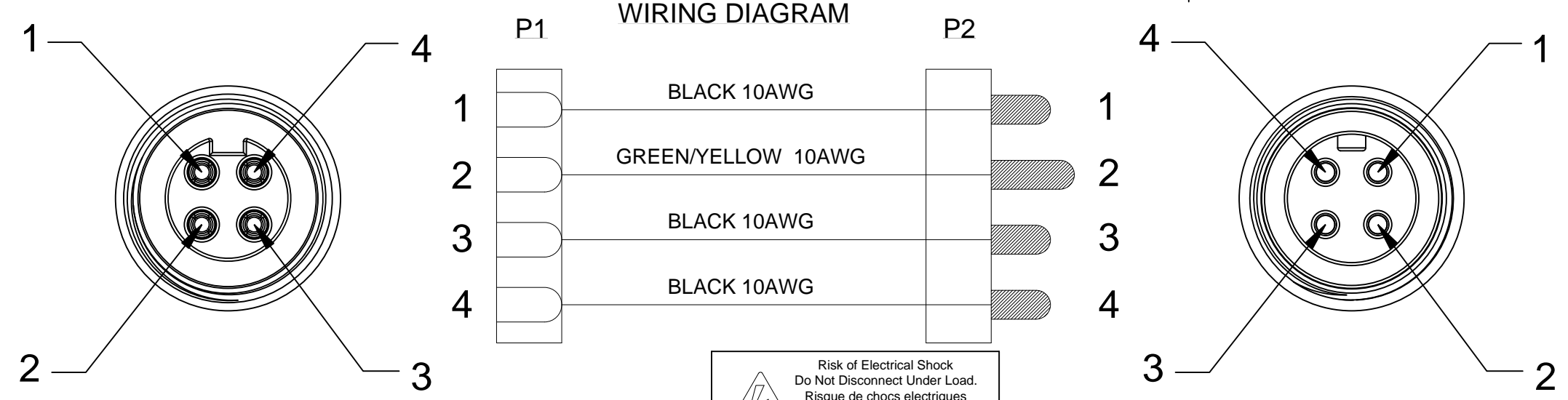


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1		TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



**TECHNICAL DATA:**

- 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 TC-ER ONLY, CSA AWM I/II A/B FT4  
 UL OIL RES I/II, 600V  
 90°C DRY & 75°C WET  
 CABLE JACKET MATERIAL: PVC COLOR: BLACK  
 CONDUCTOR INSULATION: PVC  
 NUMBER OF CONDUCTORS: (4) 10AWG
- ELECTRICAL DATA:**  
 CURRENT (MAX): 25A  
 VOLTAGE (MAX): 600V AC/DC  
 INSULATION RESISTANCE (MIN): 5000M OHMS  
 DIELECTRIC TEST VOLTAGE: 2200V  
 SHORT CIRCUIT AMPERAGE RATING: 65kA - BREAKERS AND FUSES
- 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
- RoHS COMPLIANT
- UL 2237 LISTED ASSEMBLY  
 UL FILE NUMBERS: E339703



Risk of Electrical Shock  
Do Not Disconnect Under Load.  
Risque de chocs électriques  
Ne pas debrancher sous tension.

**WARNING**

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>			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30    Fractions ±1/64 2 PL DEC ±0.15    Angles ±1° 3 PL DEC ±0.08		SIGNATURES    DATE DRAWN: KMM    12-MAY-14 CHECKED: MRF    12-MAY-14 ENGINEER: KMM APPROVAL: RFC    12-MAY-14 CUSTOMER:	
MATERIAL SPECIFICATIONS:		<b>Amphenol</b> Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		M35 PB LITE, 4 PIN, M-90°/F-STR, SHIELDED 10 AWG, TC-ER, PVC JACKET	
NEXT ASSY:		SIZE: C-    DWG NO: P29359-Mxxx    REVISION: A1	SCALE: FULL    SHEET 1 OF 1

TITLE: M35 4 PIN, M-90°/F-STR, 10AWG, TC-ER, PVC  
DWG NO: C-P29359-Mxxx  
REV: A1  
SH: 1  
OF: 1

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