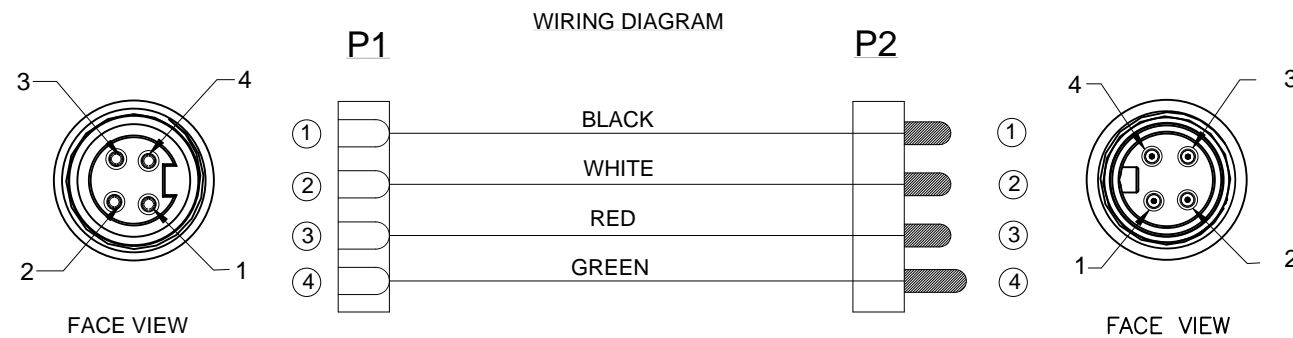
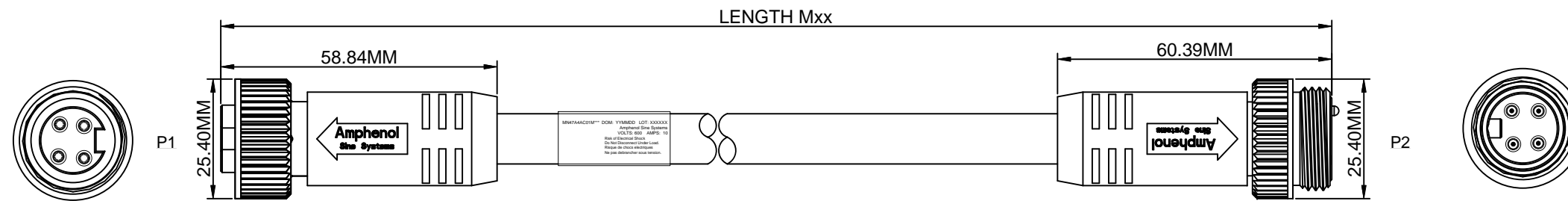


REVISIONS							
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	08-OCT-15	JLAG	-	-



**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: YELLOW
- CABLE RATING: UL LISTED TYPE STOOV, CSA CERTIFIED TYPE ST, FT2 FLAME RATING, 600V, 105°C
- CABLE JACKET MATERIAL: PVC COLOR: YELLOW
- CONDUCTOR INSULATION: PVC
- NUMBER OF CONDUCTORS: (4) 16AWG

**2) ELECTRICAL DATA:**

- CURRENT (MAX): 10A
- VOLTAGE (MAX): 600V AC/DC
- INSULATION RESISTANCE (MIN): 5000M OHMS
- DIELECTRIC TEST VOLTAGE: 2200V

**3) MECHANICAL DATA:**

- TEMPERATURE RANGE: -20°C TO +105°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 2238 LISTED ASSEMBLY
- UL FILE NUMBERS: E224856

TOLERANCE	
0-2.99 M	= +100.0/-25.0mm
3-8.99 M	= +150.0/-25.0mm
9-14.99 M	= +300.0/-25.0mm
15-OVER M	= +450.0/-25.0mm

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

**WARNING**

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			
UNLESS OTHERWISE SPECIFIED:		SIGNATURES      DATE	
1) All dimensions are in metric (mm).		DRAWN: KMM      12-MAY-14	
2) Tolerances are as follows:		CHECKED: MRF      12-MAY-14	
1 PL DEC ±0.30		ENGINEER: KMM	
2 PL DEC ±0.15		APPROVAL: RFC      12-MAY-14	
3 PL DEC ±0.08		CUSTOMER:	
3) Note reference =		MATERIAL SPECIFICATIONS:	
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:		SCALE: HALF	
		SIZE      TYPE      DWG NO.      REVISION	
		C-      MN47A4AC01M      A1	
		MN47A4AC01M      SHEET 1 OF 1	

Title: MN47A4AC01M - SR - F-SR - METERS      Date: 08/10/2014      Rev: 05      Size: 11.0 x 17.0