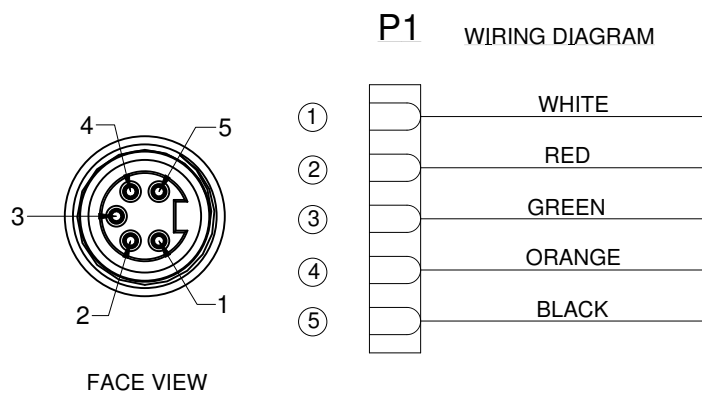
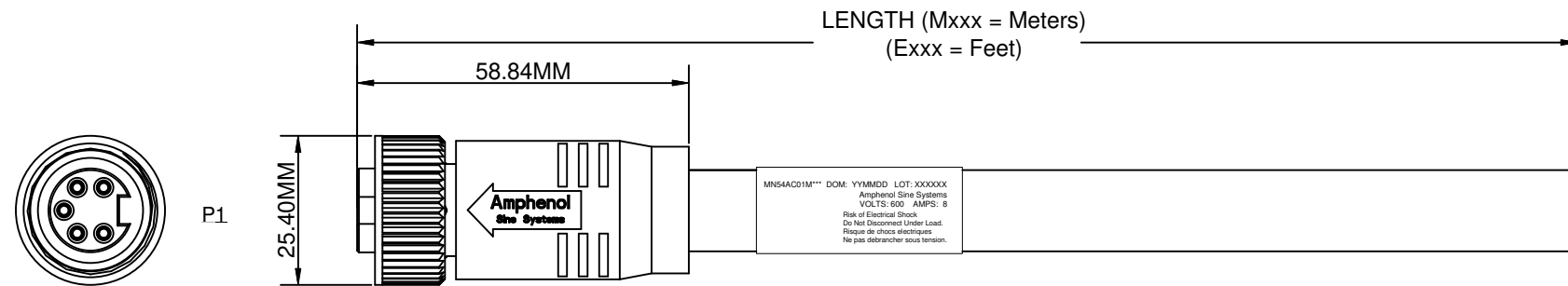


| REVISIONS | | | | | | | |
|-----------|------|-----|------------------------------|---------|-----|-----|------|
| REV | ZONE | ECO | DESCRIPTION | DATE | BY | CHK | APPR |
| A1 | - | - | TECHNICAL DATA SHEET RELEASE | 30SEP15 | LFA | - | - |



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 STOOW, CSA CERTIFIED TYPE ST, FT2 FLAME RATING, 600V, 105°C
 CABLE JACKET MATERIAL: PVC COLOR: YELLOW
 CONDUCTOR INSULATION: PVC
 NUMBER OF CONDUCTORS: (5) 16AWG

2) ELECTRICAL DATA:

CURRENT (MAX): 8A
 VOLTAGE (MAX): 600V AC/DC
 INSULATION RESISTANCE (MIN): 5000M

OHMS

DIELECTRIC TEST VOLTAGE: 2200V

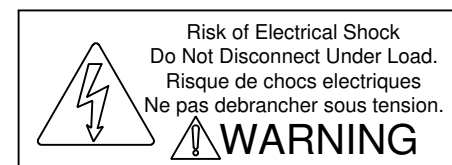
3) MECHANICAL DATA:

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 | 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 |
|---------------------------------------|-----------------|--|--------------------|
| MATERIALS LIST | | | |
| 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 | | | |
| 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: | |
| 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 | DWG NO. C-MN54AC01 |

Amphenol

Sine Systems - www.sineco.com
 44724 Morley Drive
 Clinton Township, MI 48036

**MINIBOSS M22 (7/8"), 5 PIN, Female,
 Straight, 16 AWG, STOOW, PVC Jacket**

SIZE: C- DWG NO: MN54AC01 REVISION: A1

TITLE: MINIBOSS M22 (7/8") 5 PIN, FEMALE, STRAIGHT, 16 AWG, STOOW, PVC JACKET
 DATE: 12-MAY-14
 DRAWN: KMM
 CHECKED: MRF
 ENGINEER: KMM
 APPROVAL: RFC
 SHEET 1 OF 1