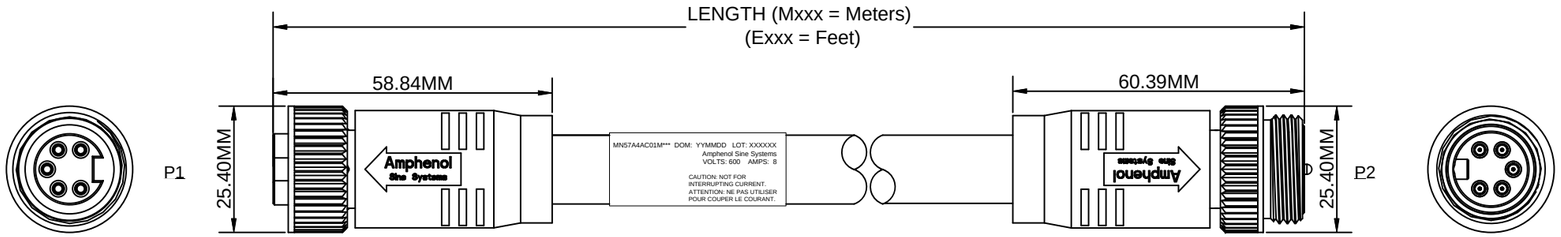
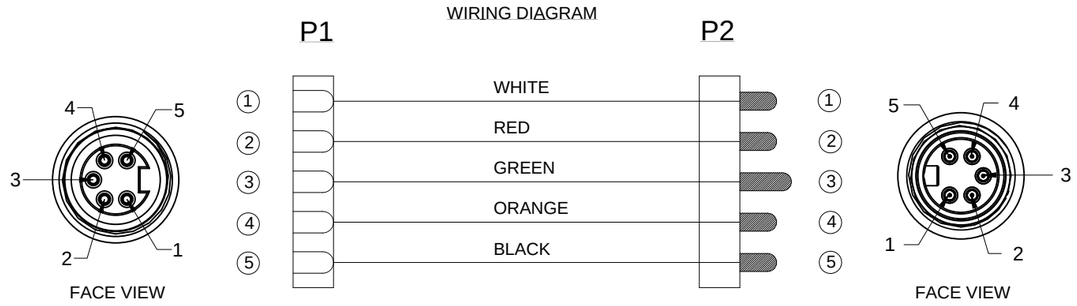
| REVISIONS | | | | | | | |
|---|---|---|---|---|---|---|---|
| REV | ZONE | ECO | DESCRIPTION | DATE | BY | CHK | APPR |
| A1 | - | - | TECHNICAL DATA SHEET RELEASE | 08-OCT-15 | JLAG | - | – |




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 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" |

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

| | PART NUMBER | DESCRIPTION | ITEM |
|---|---|---|---|
| QUANTITY | 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 = A

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

| SIGNATURES | | DATE |
|---|---|---|
| DRAWN: | KMM | 12-MAY-14 |
| CHECKED: | MRF | 12-MAY-14 |
| ENGINEER: | KMM | |
| APPROVAL: | RFC | 12-MAY-14 |
| CUSTOMER: | | |

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.

Amphenol

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

MINIBOSS M22 (7/8"), 5 PIN, MALE INLINE, STRAIGHT TO FEMALE, STRAIGHT, 16 AWG, STOOW, PVC JACKET

| SIZE | TYPE | DWG NO: | REVISION |
|---|---|---|---|
| | C- | MN57A4AC01 | A1 |
| SCALE: HALF | C-MN57A4AC01 | SHEET 1 OF 1 | |

TITLE: MINI, 5PKM-STR/F-STR, METERS
DWG NO: MN57A4AC01Mxxx
REV: C1
SH: 1
OF: 1

Downloaded from Arrow.com.